

BRHIP2001805// Homo sapiens TREK-1 potassium channel (KCNK2) mRNA, complete cds.// 1.8E-49// 134aa// 80%// AF129399

BRHIP2001927// Mus musculus mRNA for HS1 binding protein 3.// 2.7E-30// 102aa// 68%// AJ132192

BRHIP2002122// Homo sapiens B aggressive lymphoma long isoform (BAL) mRNA, complete cds.// 1.8E-97// 189aa// 100%// AF307338

BRHIP2002172// Mus musculus urea transporter isoform UTA-3 mRNA, complete cds.// 6.9E-208// 452aa// 82%// AF258602

BRHIP2002346

BRHIP2003242

BRHIP2003786// CCA3 [Rattus norvegicus]// 2.60E-199// 603aa// 61%// BAA19969

BRHIP2003917

BRHIP2004312

BRHIP2004359// ELAC PROTEIN.// 6.80E-20// 111aa// 37%// Q47012

BRHIP2004814// Homo sapiens gibbon ape leukemia virus receptor 1 (SLC20A1) gene, exon 11 and complete cds.// 1.8E-188// 346aa// 99%// AF102063

BRHIP2004883

BRHIP2005236// latrophilin 2 splice variant baaae // 1.3E-203// 250aa// 97%// AAD05305

BRHIP2005354

BRHIP2005600

BRHIP2005719

BRHIP2005752// NG5 [Homo sapiens]// 5.0E-61// 200aa// 100%// AAB47496

BRHIP2005932

BRHIP2006800

BRHIP2007616// plexin 2// 7.5E-137// 423aa// 59%// BAA13189

BRHIP2007741

BRHIP2009340

BRHIP2009414// Bax inhibitor-1 (BI-1) (Testis enhanced gene transcript).

// 3.00E-97// 177aa// 77%// P55061

BRHIP2009474

BRHIP2013699

BRHIP2014228

BRHIP2021615// Homo sapiens CUG-BP and ETR-3 like factor 4 (CELF4) mRNA,

complete cds.// 9.60E-115// 349aa// 65%// AF329265

BRHIP2022221

BRHIP2024146

BRHIP2024165// Synthase [Homo sapiens]// 5.00E-44// 83aa// 94%// NM_0038

96

BRHIP2026061

BRHIP2026288// Protein bem46.// 2.00E-47// 110aa// 41%// P54069

BRHIP2029176

BRHIP2029393// COBW-like protein [Homo sapiens]// 3.00E-89// 158aa// 98%

// NM_018491

BRHIP3000339// MYELIN BASIC PROTEIN (MBP).// 8.5E-26// 64aa// 90%// P026

86

BRHIP3000526

BRHIP3001283

BRHIP3006683

BRHIP3007483

BRHIP3007586

BRHIP3008183

BRHIP3008313// testis specific ankyrin-like protein 1 [Homo sapiens]// 1

.00E-120// 210aa// 92%// NM_016552

BRHIP3008344

BRHIP3008405// Dynamin 2 (EC 3.6.1.50) (Dynamin UDNM).// 1.00E-56// 108a

a// 90%// P39054

BRHIP3008565

BRHIP3008598

BRHIP3008997

BRHIP3009099

BRHIP3009448// 2-19 protein precursor.// 1.00E-102// 179aa// 99%// P9817
3

BRHIP3011241

BRHIP3013765

BRHIP3013897

BRHIP3015751

BRHIP3016213

BRHIP3018797

BRHIP3020182

BRHIP3024118// Monocarboxylate transporter 4 (MCT 4) (MCT 3).// 1.00E-36
// 108aa// 30%// 035910

BRHIP3024533

BRHIP3024725

BRHIP3025161// Putative Rho/Rac guanine nucleotide exchange factor (Rho/
Rac GEF) (Faciogenital dysplasia protein homolog).// 2.00E-75// 175aa//
30%// P52734

BRHIP3025702

BRHIP3026097

BRHIP3027137// 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-
FTHFDH).// 1.00E-119// 208aa// 93%// 075891

BRHIP3027854// Homo sapiens ectonucleotide pyrophosphatase/phosphodiesterase
2 (autotaxin) (ENPP2)// 1.00E-130// 222aa// 94%// NM_006209

BRSSN2000684// CDC14 homolog B, isoform 3 [Homo sapiens]// 3.00E-12// 52
aa// 30%// NM_033332

BRSSN2003086

BRSSN2004496// TASP for testis-specific adriamycin sensitivity protein [Homo sapiens]// 5.00E-45// 101aa// 39%// NM_018697

BRSSN2004719// SHC transforming protein.// 4.00E-39// 89aa// 53%// P29353

BRSSN2006892

BRSSN2008549// oxysterol binding protein 2 [Mus musculus]// 1.00E-149// 252aa// 75%// NM_024289

BRSSN2008797

BRSSN2011262

BRSSN2011738

BRSSN2013874// TEMO [Rattus norvegicus]// 2.00E-53// 99aa// 98%// NM_023986

BRSSN2014299// TPA inducible gene-1; TPA inducible protein [Homo sapiens]// 2.00E-47// 93aa// 86%// NM_015889

BRSSN2014424// transporter-like protein [Homo sapiens]// 0// 413aa// 92%// NM_022109

BRSSN2014556

BRSSN2018581

BRSSN2018925

BRSTN2000872// Protein disulfide isomerase A2 precursor (EC 5.3.4.1) (PD Ip).// 0// 341aa// 92%// Q13087

BRSTN2001067

BRSTN2001613// HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEINS C1/C2 (HNRNP C1 AND HNRNP C2).// 2.8E-34// 214aa// 43%// P07910

BRSTN2002400

BRSTN2003835

BRSTN2004863// Drosophila melanogaster polypeptide N-acetylgalactosaminyltransferase mRNA, complete cds.// 5.60E-126// 526aa// 47%// AF158747

BRSTN2004987// Homo sapiens mRNA for mitochondrial tryptophanyl-tRNA syn

thetase (WARS2 gene).// 1.20E-162// 360aa// 86%// AJ242739

BRSTN2005721

BRSTN2006865

BRSTN2007000

BRSTN2007284

BRSTN2008052

BRSTN2008283

BRSTN2008418// Breakpoint cluster region protein (EC 2.7.1.-).// 7.00E-3
3// 70aa// 75%// P11274

BRSTN2008457

BRSTN2009899

BRSTN2010363

BRSTN2010500

BRSTN2010750

BRSTN2012320

BRSTN2012380

BRSTN2013741// Ras-related protein M-Ras (Ras-related protein R-Ras3).//
1.00E-105// 189aa// 90%// 014807

BRSTN2015015

BRSTN2016470

BRSTN2016678

BRSTN2017084

BRSTN2017110

BRSTN2017237

BRSTN2017771// Homo sapiens putative BTK-binding protein mRNA, complete
cds.// 1.0E-41// 90aa// 99%// AF235049

BRSTN2018083

BRSTN2019129

BRTHA1000311

BRTHA2000855

BRTHA2001462

BRTHA2002115

BRTHA2002281// Rho guanine nucleotide exchange factor 10 [Homo sapiens].

// 5.0E-26// 123aa// 39%// NP_055444.1

BRTHA2002376

BRTHA2002442

BRTHA2002493

BRTHA2002608// aldehyde dehydrogenase 1A3// 2.00E-19// 46aa// 88%// NP_0

00684

BRTHA2002808// GAMMA-INTERFERON-INDUCIBLE PROTEIN IP-30 PRECURSOR.// 7.8

E-65// 141aa// 90%// P13284

BRTHA2003030

BRTHA2003110// Protein Clorf8 precursor (Liver membrane-bound protein) (

HSPC001).// 1.00E-98// 178aa// 92%// Q9BXS4

BRTHA2003116

BRTHA2003461

BRTHA2004821

BRTHA2004978

BRTHA2005579// Xenopus laevis mRNA for Kielin, complete cds.// 1.3E-190/

/ 659aa// 47%// AB026192

BRTHA2005956

BRTHA2006075

BRTHA2006146

BRTHA2006194

BRTHA2007122// ANKYRIN 2 (BRAIN ANKYRIN) (ANKYRIN B) (ANKYRIN, NONERYTHR

OID).// 6.1E-18// 203aa// 32%// Q01484

BRTHA2007422

BRTHA2007603// H.sapiens mRNA for BCL7B protein.// 1.8E-56// 116aa// 98%

// X89985

BRTHA2008316

BRTHA2008335

BRTHA2008527// LUTROPIN-CHORIOGONADOTROPIC HORMONE RECEPTOR PRECURSOR (LH/CG-R) (LSH-R) (LUTEINIZING HORMONE RECEPTOR).// 7.5E-66// 189aa// 73%
// P22888

BRTHA2008535

BRTHA2008955

BRTHA2009311// EOSINOPHIL LYSOPHOSPHOLIPASE// 1.0E-30// 64aa// 91%// P97
400

BRTHA2009846

BRTHA2009972

BRTHA2010073

BRTHA2010608

BRTHA2010884

BRTHA2010907

BRTHA2011194

BRTHA2011351

BRTHA2011500

BRTHA2011641

BRTHA2012392// Homo sapiens HCIDI (HCIDI) mRNA, complete cds.// 8.0E-95//
194aa// 95%// AF226050

BRTHA2012562

BRTHA2012980// INTERLEUKIN-13 RECEPTOR ALPHA-1 CHAIN PRECURSOR (IL-13R-ALPHA-1) (IL-13RA-1).// 1.5E-44// 91aa// 100%// P78552

BRTHA2013262

BRTHA2013460

BRTHA2013707

BRTHA2014792// ENHANCER OF ZESTE HOMOLOG 1 (ENX-2) (KIAA0388).// 7.1E-21

// 184aa// 35%// Q92800

BRTHA2014828

BRTHA2015406// Homo sapiens mRNA for putative serine/threonine protein kinase, partial.// 1.90E-86// 268aa// 67%// AJ006701

BRTHA2015478

BRTHA2015696

BRTHA2015878

BRTHA2016215

BRTHA2016496// Vacuolar processing enzyme precursor (EC 3.4.22.-) (VPE).

// 0// 370aa// 79%// P49043

BRTHA2016543

BRTHA2017353

BRTHA2017985

BRTHA2018165

BRTHA2018344

BRTHA2018591

BRTHA2018624// Oncorhynchus mykiss stl3 mRNA for rhamnose binding lectin STL3, complete cds.// 7.40E-21// 167aa// 34%// AB039024

BRTHA2018707

BRTHA2019014

BRTHA2019022

BRTHA2019048

BRTHA3000273

BRTHA3000297

BRTHA3000633// single-pass transmembrane protein [Rattus norvegicus]// 5.00E-48// 220aa// 54%// BAA90767

BRTHA3001721// TATA box binding protein (TBP)-associated factor, RNA polymerase III, GTF3B subunit 2; TATA box binding protein (TBP)-associated factor, RNA polymerase III, C, 90kD; general transcription factor IIIB,

90kD [Homo sapiens]// 4.00E-71// 135aa// 85%// NM_001519

BRTHA3002401

BRTHA3002427// Sodium- and chloride-dependent betaine transporter (Na⁺/C
l- betaine/GABA transporter) (BGT-1).// 0// 553aa// 96%// P48065

BRTHA3002933// uroplakin 3 [Homo sapiens]// 1.00E-158// 260aa// 99%// XP
_001216

BRTHA3003074// putative prostate cancer susceptibility protein; hypothet
ical protein FLJ10530 [Homo sapiens]// 0// 435aa// 94%// NM_018127

BRTHA3003343// DAZ associated protein 1 [Homo sapiens]// 1.00E-95// 223a
a// 92%// NP_061832

BRTHA3003449// MYOSIN HEAVY CHAIN, SMOOTH MUSCLE ISOFORM (SMMHC) (FRAGME
NT).// 4.70E-215// 400aa// 100%// P35749

BRTHA3003474

BRTHA3003490

BRTHA3004475

BRTHA3005046

BRTHA3006856

BRTHA3007113

BRTHA3007148

BRTHA3007319

BRTHA3007769

BRTHA3008143

BRTHA3008310// Mus musculus mRNA for iroquois homeobox protein 6 (Irx6 g
ene).// 1.20E-176// 444aa// 76%// AJ271055

BRTHA3008386

BRTHA3008520// sporulation-induced transcript 4-associated protein; hypo
thetical protein FLJ11058 [Homo sapiens]// 1.00E-164// 287aa// 87%// NM_
018312

BRTHA3008778// Acetyl-coenzyme A synthetase (EC 6.2.1.1) (Acetate--CoA l

igase) (Acyl- activating enzyme).// 1.00E-168// 286aa// 51%// 068040
BRTHA3009037// Regulator of G-protein signaling 3 (RGS3) (RGP3).// 0// 4
79aa// 92%// P49796
BRTHA3009090// neuropathy target esterase [Homo sapiens]// 0// 784aa// 6
0%// NM_006702
BRTHA3009291
BRTHA3010366
BRTHA3013884// Sorting nexin 14 (Fragment).// 0// 359aa// 95%// Q9Y5W7
BRTHA3015815// Selenide, water dikinase 1 (EC 2.7.9.3) (Selenophosphate s
ynthetase 1) (Selenium donor protein 1).// 1.00E-159// 275aa// 99%// P49
903
BRTHA3015910
BRTHA3016845
BRTHA3016917// Valyl-tRNA synthetase 2 (EC 6.1.1.9) (Valine--tRNA ligase
2) (VALRS 2).// 4.00E-82// 169aa// 43%// P26640
BRTHA3017047
BRTHA3017589// junctional adhesion molecule 3 [Homo sapiens]// 1.00E-119
// 213aa// 74%// NM_031470
BRTHA3017848// Organic cation/carnitine transporter 2 (Solute carrier fa
mily 22, member 5) (High-affinity sodium-dependent carnitine cotransport
er).// 2.00E-42// 105aa// 35%// 076082
BRTHA3018514
BRTHA3018617
BRTHA3018656
BRTHA3019105
CERVX1000042
CERVX2002006
COLON1000030
COLON2000470// Rattus norvegicus nucleolar protein C7C mRNA, complete cd

s.// 5.9E-51// 187aa// 49%// AF333986
COLON2000568// Ig alpha-2 chain C region.// 0// 324aa// 95%// P01877
COLON2001721// GLUT4 vesicle protein [Mus musculus]// 8.00E-36// 160aa//
39%// AAD10190
COLON2002443
COLON2002520// Myosin heavy chain, nonmuscle type B (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B).// 0// 447aa// 70%// Q27991
COLON2003043
COLON2004478// protein Tro alpha H, myeloma // 3.2E-233// 475aa// 88%//
0501254A
COLON2005126
COLON2005772// Homo sapiens candidate taste receptor T2R14 gene, complete cds.// 3.9E-54// 112aa// 97%// AF227138
COLON2006282
COLON2009499
CORDB1000140
CORDB2000061
CORDB2000541// F-actin capping protein beta subunit (CAPZ beta).// 1.00E-126// 217aa// 99%// P79136
CTONG1000087
CTONG1000088
CTONG1000288
CTONG1000302
CTONG1000341// THROMBOMODULIN PRECURSOR (FETOMODULIN) (TM) (CD141 ANTIGEN).// 1.0E-283// 488aa// 99%// P07204
CTONG1000467// Mus musculus mRNA for Deltex3, complete cds.// 5.00E-54//
203aa// 52%// AB015425
CTONG1000488

CTONG1000508

CTONG1000540

CTONG2000042// ALPHA-2-MACROGLOBULIN PRECURSOR (ALPHA-2-M).// 2E-132// 8
41aa// 35%// P01023

CTONG2001877

CTONG2004062// ATPase subunit 6 [Homo sapiens].// 3.00E-71// 226aa// 91%
// BAA07295

CTONG2006798// putative serine/threonine protein kinase [Schizosaccharom
yces pombe]// 5.80E-69// 581aa// 27%// CAB66438

CTONG2008233// Bos taurus DnaJ1 protein mRNA, complete cds.// 0// 1376bp
// 85%// AF308815

CTONG2009423// 5-HYDROXYTRYPTAMINE 7 RECEPTOR (5-HT-7) (5-HT-X) (SEROTON
IN RECEPTOR) (5HT7).// 2.40E-44// 113aa// 78%// P34969

CTONG2009531

CTONG2010803// Regulator of G-protein signaling 3 (RGS3) (RGP3).// 0// 3
23aa// 92%// P49796

CTONG2013178// Homo sapiens serine protease DESC1 (DESC1) mRNA, complete
cds.// 2E-90// 421aa// 43%// AF064819

CTONG2017500// Homo sapiens muscle disease-related protein mRNA, complet
e cds.// 1.30E-59// 239aa// 47%// AF204674

CTONG2019248

CTONG2019652

CTONG2019704

CTONG2019788

CTONG2019833

CTONG2020026// Drosophila melanogaster BcDNA.GH09358 (BcDNA.GH09358) mRN
A, complete cds.// 4.2E-187// 669aa// 45%// AF181639

CTONG2020127

CTONG2020522

CTONG2020638

CTONG2020806

CTONG2021132

CTONG2022153

CTONG2022601

CTONG2023021// H.sapiens mRNA for TFG protein.// 2.3E-88// 160aa// 100%/
/ Y07968

CTONG2023512// Homo sapiens PIG-T mRNA for phosphatidyl inositol glycan
class T, complete cds.// 7.1E-158// 289aa// 100%// AB057724

CTONG2024206

CTONG2024749// ALPHA-2-MACROGLOBULIN PRECURSOR (ALPHA-2-M).// 1.1E-174//
699aa// 46%// P06238

CTONG2025496// ALPHA-2-MACROGLOBULIN PRECURSOR (ALPHA-2-M).// 1.2E-218//
977aa// 45%// P01023

CTONG2025516// general transcription factor II, i, isoform 3; BTK-associated
protein, 135kD; Williams-Beuren syndrome chromosome region 6; Bruton
tyrosine kinase-associated protein 135; TFII-I protein; SPIN protein [
Homo sapiens]// 2.00E-28// 57aa// 89%// NM_033001

CTONG2025900

CTONG2026920

CTONG2027327

CTONG2028124// very long-chain acyl-CoA synthetase homolog 1; VLCS-H1 pr
otein [Homo sapiens]// 5.00E-86// 156aa// 48%// NM_014031

CTONG2028687

CTONG3000084// PROBABLE GUANINE NUCLEOTIDE REGULATORY PROTEIN TIM (ONCOG
ENE TIM) (P60 TIM) (TRANSFORMING IMMORTALIZED MAMMARY ONCOGENE).// 4.3E-
276// 519aa// 100%// Q12774

CTONG3000657

CTONG3000686

CTONG3000707

CTONG3000896

CTONG3001123// Mus musculus Pax transcription activation domain interacting protein PTIP mRNA, complete cds.// 0// 965aa// 84%// AF104261

CTONG3001370// ALPHA-2-MACROGLOBULIN PRECURSOR (ALPHA2M).// 1.5E-267// 1008aa// 38%// Q61838

CTONG3001420

CTONG3001560

CTONG3002020

CTONG3002127// granuphilin [Mus musculus]// 1.00E-104// 204aa// 49%// NM_013757

CTONG3002412// Human DOCK180 protein mRNA, complete cds.// 4.5E-236// 678aa// 66%// D50857

CTONG3002674

CTONG3003179

CTONG3003483

CTONG3003652

CTONG3003654

CTONG3003737// PLATELET GLYCOPROTEIN V PRECURSOR (GPV) (CD42D).// 1.80E-73// 434aa// 37%// 008770

CTONG3003905

CTONG3003972

CTONG3004072// GL002 protein [Homo sapiens]// 3.00E-80// 152aa// 88%// NM_020193

CTONG3004712

CTONG3005325

CTONG3005648

CTONG3005713

CTONG3005813

CTONG3006067

CTONG3006186// syntaxin binding protein 4 [Mus musculus]// 0// 427aa// 76%// NM_011505

CTONG3006650

CTONG3007444

CTONG3007528

CTONG3007586

CTONG3007870

CTONG3008252

CTONG3008258// Homo sapiens GROS1-L protein mRNA, complete cds.// 7.70E-177// 680aa// 51%// AF097432

CTONG3008496

CTONG3008566

CTONG3008639// Human non-lens beta gamma-crystallin like protein (AIM1) mRNA, partial cds.// 0// 836aa// 99%// U83115

CTONG3008831// Rattus norvegicus PGC1 mRNA for PPAR gamma coactivator, complete cds.// 2.9E-69// 176aa// 46%// AB025784

CTONG3008894// Mus musculus SH3-domain binding protein 5// 3.00E-42// 89aa// 40%// NM_011894

CTONG3008951

CTONG3009028// sno gene product [Drosophila melanogaster]// 1.00E-148// 1000aa// 46%// AAF48240

CTONG3009227

CTONG3009239

CTONG3009328

CTONG3009385// Homo sapiens ARG99 mRNA, complete cds.// 2.4E-77// 153aa// 100%// AF319520

D30ST2002182// Homo sapiens mRNA for acetylglucosaminyltransferase-like protein.// 6.50E-11// 265aa// 23%// AJ007583

D30ST2002648// PUTATIVE G PROTEIN-COUPLED RECEPTOR GPR17 (R12).// 3E-24/
/ 184aa// 28%// Q13304

D30ST3000169// Homo sapiens SH3-SAM adaptor protein (HACS1) mRNA, complete cds.// 2.40E-189// 354aa// 99%// AF218085

DFNES1000107

DFNES2000146// Mus musculus mRNA for thrombospondin type 1 domain, complete cds.// 4.10E-31// 135aa// 41%// AB016768

DFNES2001108// Homo sapiens nuclear dual-specificity phosphatase (SBF1) mRNA, partial cds.// 4.5E-41// 134aa// 63%// U93181

DFNES2005266// ADAM-TS 1 PRECURSOR (EC 3.4.24.-) (A DISINTEGRIN AND METALLOPROTEINASE WITH THROMBOSPONDIN MOTIFS 1) (ADAMTS-1) (ADAM-TS1).// 4.80E-15// 118aa// 30%// P97857

DFNES2010502

DFNES2011239

DFNES2011499

ERLTF2000324

FCBBF1000297// Human protein immuno-reactive with anti-PTH polyclonal antibodies mRNA, partial cds.// 7.5E-186// 359aa// 99%// U28831

FCBBF2001183

FCBBF2007510

FCBBF3001977

FCBBF3002163// chromosome condensation-related SMC-associated protein 1; chromosome condensation-related SMC-associated protein 1; KIAA0159 gene product [Homo sapiens]// 0// 840aa// 97%// NM_014865

FCBBF3003435

FCBBF3004502

FCBBF3004847

FCBBF3006171

FCBBF3007242

FCBBF3007540// GUANINE NUCLEOTIDE EXCHANGE FACTOR DBS (DBL'S BIG SISTER)
// 5.00E-46// 300aa// 38%// 015068

FCBBF3008944

FCBBF3009888// Homo sapiens prostate stem cell antigen (PSCA) mRNA, complete cds.// 5.30E-06// 122aa// 32%// AF043498

FCBBF3012170// Mus musculus rostral cerebellar malformation protein (rcm)
) mRNA, complete cds.// 1.00E-80// 325aa// 51%// U72634

FCBBF3012288

FCBBF3013307// Homo sapiens RNA helicase-related protein mRNA, complete
cds.// 0// 644aa// 99%// AF083255

FCBBF3013846

FCBBF3021576

FCBBF3021940// SYNAPSIN I (FRAGMENT).// 5.00E-06// 128aa// 35%// 062732

FCBBF3023443

FCBBF3023895// contains simiarity to tubulin-tyrosine ligase [Caenorhabd
itis elegans].// 1.00E-54// 220aa// 39%// AAF39893

FCBBF3025730

FCBBF3027717

FCBBF4000076

FEBRA1000030// T-CELL RECEPTOR BETA CHAIN ANA 11.// 2.7E-11// 131aa// 38
%// P06333

FEBRA2000253

FEBRA2006396

FEBRA2007544// transcription factor [Homo sapiens]// 0// 400aa// 99%// A
AG33674

FEBRA2007708// DRA PROTEIN (DOWN-REGULATED IN ADENOMA).// 2.60E-72// 511
aa// 34%// P40879

FEBRA2007793

FEBRA2007801// Homo sapiens TRIAD3 mRNA, partial cds.// 2.3E-207// 358aa

// 99%// AF228527

FEBRA2008287

FEBRA2008311// GALANIN RECEPTOR TYPE 1 (GAL1-R) (GALR1).// 1E-23// 299aa

// 27%// P56479

FEBRA2008360

FEBRA2008468// LYSOSOMAL ACID LIPASE/CHOLESTERYL ESTER HYDROLASE PRECURS
OR (EC 3.1.1.13) (LAL) (ACID CHOLESTERYL ESTER HYDROLASE) (STEROL ESTERA
SE) (LIPASE A) (CHOLESTERYL ESTERASE).// 1.20E-179// 330aa// 97%// P3857

1

FEBRA2010719

FEBRA2014213

FEBRA2015588

FEBRA2020484

FEBRA2020582

FEBRA2020668

FEBRA2020886

FEBRA2021339

FEBRA2021571

FEBRA2021908

FEBRA2021966

FEBRA2024136

FEBRA2024150

FEBRA2024343

FEBRA2024744// Homo sapiens Cat Eye Syndrome critical region protein iso
form 1 mRNA, complete cds.// 1.3E-126// 252aa// 94%// AF273270

FEBRA2025427

FEBRA2026984// TYROSYL-TRNA SYNTHETASE (EC 6.1.1.1) (TYROSYL--TRNA LIGAS
E) (TYRRS) (FRAGMENT).// 7.80E-271// 528aa// 94%// Q29465

FEBRA2027082

FEBRA2027297

FEBRA2027352

FEBRA2028366

FEBRA2028477

FEBRA2028618

HCASM2001301// MITOGEN-ACTIVATED PROTEIN KINASE 12 (EC 2.7.1.-) (EXTRACELLULAR SIGNAL-REGULATED KINASE 6) (EC 2.7.1.-) (ERK6) (ERK5) (STRESS-ACTIVATED PROTEIN KINASE-3) (MITOGEN-ACTIVATED PROTEIN KINASE P38 GAMMA) (MAP KINASE P38 GAMMA).// 2.2E-52// 104aa// 100%// P53778

HCASM2002502

HCASM2002918

HCASM2003212

HCASM2003415

HCASM2007047

HCASM2007737// SEC14-LIKE PROTEIN 1.// 8.30E-09// 162aa// 24%// Q92503

HCHON2000028// Homo sapiens 7h3 protein mRNA, partial cds.// 2.1E-94// 228aa// 82%// AF209931

HCHON2000212

HCHON2000244

HCHON2000418

HCHON2000626// X-linked protein STS1769.// 2.00E-47// 89aa// 83%// Q99871

HCHON2001084// ARABINOSE-PROTON SYMPORTER (ARABINOSE TRANSPORTER).// 3E-66// 321aa// 36%// P09830

HCHON2001217// Homo sapiens cullin CUL4B (CUL4B) mRNA, complete cds.// 0// 782aa// 99%// AF212995

HCHON2001548

HCHON2001577// Human elastin gene, exon 1.// 1.5E-265// 585aa// 88%// M17282

HCHON2001712// Neutral amino acid transporter B(0) (ATB(0)).// 0// 369aa
// 85%// Q15758

HCHON2002676// ALPHA-L-IDURONIDASE PRECURSOR (EC 3.2.1.76).// 3.20E-274/
/ 330aa// 99%// P35475

HCHON2003532// PHOSPHORYLASE B KINASE BETA REGULATORY CHAIN (PHOSPHORYLA
SE KINASE BETA SUBUNIT).// 2.0E-159// 312aa// 95%// Q93100

HCHON2004007// Potential phospholipid-transporting ATPase IK (EC 3.6.3.1
3) (Fragment).// 1.00E-160// 273aa// 93%// O60423

HCHON2004531// UV excision repair protein RAD23 homolog B (HHR23B) (XP-C
repair complementing complex 58 kDa protein) (P58).// 1.00E-142// 270aa
// 66%// P54727

HCHON2004776// transmembrane protein (63kD), endoplasmic reticulum/Golgi
intermediate compartment [Homo sapiens]// 0// 500aa// 86%// NP_006816

HCHON2005921// lipoma HMGIC fusion partner [Homo sapiens]// 1.00E-15// 5
2aa// 25%// NM_005780

HCHON2006250// Mus musculus SETA binding protein 1 (Sb1) mRNA, complete
cds.// 3.9E-269// 544aa// 91%// AF246218

HCHON2006714

HCHON2007881

HCHON2008112// Homo sapiens HERC2 (HERC2) mRNA, complete cds.// 1.80E-24
// 79aa// 70%// AF071172

HCHON2008444// 28S ribosomal protein S15, mitochondrial precursor (MPR-S
15) (DC37).// 5.00E-39// 76aa// 76%// P82914

HEART1000010// Hepatocyte growth factor-like protein precursor (Macrophage
stimulatory protein) (MSP) (Macrophage stimulating protein).// 5.00E-
18// 40aa// 93%// P26927

HEART1000074// BANP homolog; putative transcription factor; Btg3 associa
ted nuclear protein [Mus musculus]// 0// 420aa// 82%// NM_016812

HEART1000088

HEART1000139// TROPONIN T, CARDIAC MUSCLE ISOFORMS (TNTC).// 1.40E-112//
221aa// 98%// P45379

HEART2001680// Ig alpha-1 chain C region.// 0// 324aa// 91%// P01876

HEART2001756

HEART2006131// 2-hydroxyphytanoyl-CoA lyase [Mus musculus]// 1.00E-138//
263aa// 45%// NM_019975

HEART2006909// Hemolysin C.// 3.00E-40// 88aa// 33%// Q54318

HEART2007031

HEART2010391

HEART2010492// GLYCEROL-3-PHOSPHATE ACYLTRANSFERASE, MITOCHONDRIAL PRECU
RSOR (EC 2.3.1.15) (GPAT) (P90).// 3.6E-47// 462aa// 32%// Q61586

HEART2010495// MICROTUBULE-ASSOCIATED PROTEIN 4.// 2.00E-159// 579aa// 6
2%// P27816

HHDPC1000118// Threonine synthase (EC 4.2.99.2).// 3.00E-70// 178aa// 35
%// Q9ZMX5

HHDPC2001337

HLUNG1000017

HLUNG2000014// Mus musculus strain BALB/c dectin-2 alpha isoform mRNA, c
omplete cds.// 2.80E-55// 211aa// 50%// AF240357

HLUNG2001996

HLUNG2002465// Homo sapiens Asef mRNA for APC-stimulated guanine nucleot
ide exchange factor, complete cds.// 1.30E-183// 557aa// 62%// AB042199

HLUNG2002958

HLUNG2003003

HLUNG2003872

HLUNG2010464

HLUNG2011041// basic proline-rich peptide IB-8a - human (fragments)// 9.
7E-07// 113aa// 35%// D38355

HLUNG2011298// Homo sapiens cytochrome b5 reductase 1 (B5R.1) mRNA, comp

lete cds.// 1.6E-27// 79aa// 78%// AF169481

HLUNG2012049

HLUNG2012287

HLUNG2012727

HLUNG2013204// phytoene dehydrogenase-like [Arabidopsis thaliana]// 4.0E
-53// 97aa// 55%// BAB10768

HLUNG2013304

HLUNG2013622

HLUNG2013851

HLUNG2014262

HLUNG2014288// Mus musculus RP42 mRNA, complete cds.// 2.4E-40// 189aa//
43%// AF198092

HLUNG2014449

HLUNG2015617

HLUNG2017350// GAP JUNCTION ALPHA-3 PROTEIN (CONNEXIN 44) (CX44).// 2.60
E-53// 262aa// 41%// P41987

HLUNG2017546

HLUNG2017806

HLUNG2019058

HSYRA2004858

HSYRA2005456

HSYRA2005496// ENDOGLIN PRECURSOR (CD105 ANTIGEN).// 2.4E-117// 245aa//
92%// P17813

HSYRA2006873

HSYRA2007667

HSYRA2008376

HSYRA2008714// POTENTIAL PHOSPHOLIPID-TRANSPORTING ATPASE ID (EC 3.6.1.-
) (FRAGMENT).// 6.2E-158// 412aa// 70%// P98198

HSYRA2009075

HSYRA2009102// UDP-galactose transporter related [Homo sapiens].// 3.0E-26// 280aa// 32%// NP_005818

IMR322000127// ZINC FINGER PROTEIN 135.// 3.30E-130// 426aa// 50%// P52742

IMR322000917// ZINC FINGER PROTEIN 29 (ZFP-29).// 1.50E-34// 197aa// 40%// Q07230

IMR322001380// Homo sapiens leucine-rich repeats containing F-box protein FBL3 mRNA, complete cds.// 7.00E-21// 216aa// 32%// AF186273

IMR322002035

IMR322002110

IMR322003675

IMR322006222

IMR322006495// Homo sapiens mRNA for kinetochore protein CENP-H, complete cds.// 3.1E-61// 183aa// 73%// AB035124

IMR322006886// Homo sapiens hepatocellular carcinoma-associated antigen 127 (HCA127) mRNA, complete cds.// 2.5E-107// 207aa// 99%// AF270491

IMR322007225

IMR322016146

IMR322018117

KIDNE1000064// Mus musculus mRNA for RST, complete cds.// 6.70E-219// 552aa// 73%// AB005451

KIDNE2000665

KIDNE2000722

KIDNE2000832

KIDNE2000846// Mus musculus orphan transporter isoform A12 (Xtrp2) mRNA, alternatively spliced, complete cds.// 1.2E-54// 203aa// 50%// AF075262

KIDNE2001361// Mus musculus catp mRNA for cation-transporting atpase, complete cds.// 4.1E-123// 273aa// 91%// AB035381

KIDNE2001847// H.sapiens graf gene.// 4.10E-98// 300aa// 55%// Y10388

KIDNE2002252// Drosophila melanogaster BcDNA.GH09358 (BcDNA.GH09358) mRN
A, complete cds.// 6.30E-145// 763aa// 42%// AF181639

KIDNE2002991

KIDNE2003837

KIDNE2005543

KIDNE2006580// CYTOCHROME P450 4C1 (EC 1.14.14.1) (CYP1VC1).// 1.10E-119
// 496aa// 49%// P29981

KIDNE2010264

KIDNE2011314

KIDNE2011532// similar to melanoma-associated chondroitin sulfate proteo
glycan 4// 7.00E-30// 54aa// 60%// XP_000655

KIDNE2011635// Rabbit mRNA for sodium-glucose cotransporter, complete cd
s.// 2.1e-313// 670aa// 80%// D16226

KIDNE2012945// PROCOLLAGEN C-PROTEINASE ENHANCER PROTEIN PRECURSOR (PCPE
) (TYPE I PROCOLLAGEN COOH-TERMINAL PROTEINASE ENHANCER) (TYPE 1 PROCOLL
AGEN C- PROTEINASE ENHANCER PROTEIN).// 2.00E-14// 113aa// 41%// Q15113

KIDNE2013095

LIVER2007415

LYMPB1000141

LYMPB2000083// HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, ALPHA CHAIN F PRE
CURSOR (HLA F ANTIGEN) (LEUKOCYTE ANTIGEN F).// 4.80E-131// 158aa// 93%/
/ P33617

MESAN2001979

MESAN2006563

MESAN2012054

MESAN2014295

MESAN2015515

MESAN2018576

MESTC1000042

MESTC2000153

NB9N41000340

NCRRP1000129

NESOP2000744

NESOP2001433// ALC1_HUMAN Ig alpha-1 chain C region// 0// 353aa// 100%//
P01876

NESOP2001656

NESOP2001694// H.sapiens graf gene.// 7.4E-53// 162aa// 66%// Y10388

NESOP2001752

NESOP2002738

NHNPC2000606

NHNPC2000877

NHNPC2001223

NHNPC2001816

NHNPC2002565

NHNPC2002749

NOVAR2000136// Calsequestrin, skeletal muscle isoform precursor (Asparta
ctin) (Laminin-binding protein).// 1.00E-142// 235aa// 66%// P07221

NOVAR2000710

NOVAR2000962

NOVAR2001108// Human (hybridoma H210) anti-hepatitis A IgG variable regi
on, constant region, complementarity-determining regions mRNA, complete
cds.// 3.0E-230// 482aa// 88%// M87789

NOVAR2001783

NT2NE2003252// Human putative serine/threonine protein kinase PRK (prk)
mRNA, complete cds.// 3.00E-44// 234aa// 38%// U56998

NT2NE2005890

NT2NE2006531// ZINC FINGER PROTEIN 184 (FRAGMENT).// 4.10E-113// 437aa//
47%// Q99676

NT2NE2006909// Methionine aminopeptidase 2 (EC 3.4.11.18) (MetAP 2) (Peptidase M 2) (Initiation factor 2 associated 67 kDa glycoprotein) (P67).//
/ 1.00E-147// 258aa// 80%// P50579

NT2NE2008060

NT2RI2003993

NT2RI2004618// Cytosolic acyl coenzyme A thioester hydrolase (EC 3.1.2.2)
) (Long chain acyl-CoA thioester hydrolase) (CTE-II) (Brain acyl-CoA hydrolase) (BACH).// 1.00E-126// 222aa// 88%// 000154

NT2RI2005166// VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.// 7.70E-14//
300aa// 26%// Q00808

NT2RI2006686// E1A-ASSOCIATED PROTEIN P300.// 1.30E-18// 421aa// 26%// Q
09472

NT2RI2008724

NT2RI2009855

NT2RI2011422// Homo sapiens partial mRNA for transport-secretion protein
2.1 (TTS-2.1 gene).// 6.4E-70// 428aa// 40%// AJ278475

NT2RI2011683

NT2RI2012659

NT2RI2012990// 76.5 KDA PROTEIN C210RF13.// 1.8E-73// 149aa// 100%// 095
447

NT2RI2013357

NT2RI2014247

NT2RI2014551

NT2RI2014733

NT2RI2016128

NT2RI2018311

NT2RI2018883

NT2RI2019751

NT2RI2023303

NT2RI2025909// carnitine/acylcarnitine translocase// 3.0E-32// 260aa// 3
7%// NP_000378

NT2RI2025957// LU1 protein [Homo sapiens]// 0// 630aa// 99%// AAF74512

NT2RI2027081

NT2RI2027396

NT2RI3000622

NT2RI3001263

NT2RI3001515// ALEX1 protein [Homo sapiens]// 2.0E-25// 220aa// 29%// NP
_057692

NT2RI3002303

NT2RI3002842

NT2RI3002892

NT2RI3003031

NT2RI3003095

NT2RI3003162

NT2RI3003382

NT2RI3003409

NT2RI3004381

NT2RI3004510

NT2RI3005202

NT2RI3005403

NT2RI3005724

NT2RI3006132

NT2RI3006171// CARCINOEMBRYONIC ANTIGEN PRECURSOR (CEA) (MECONIUM ANTIGE
N 100) (CD66E ANTIGEN).// 1.3E-54// 294aa// 39%// P06731

NT2RI3006284// Homo sapiens chorea-acanthocytosis (CHAC) mRNA, complete
cds.// 1.2E-144// 538aa// 51%// AF337532

NT2RI3006340// Myomesin 1 (Skelemin).// 0// 1390aa// 81%// Q62234

NT2RI3006376

NT2RI3006673// LAR protein precursor (Leukocyte antigen related) (EC 3.1.3.48).// 0// 1151aa// 90%// P10586

NT2RI3006796

NT2RI3007065

NT2RI3007158

NT2RI3007291

NT2RI3007543

NT2RI3007757// breast cancer nuclear receptor-binding auxiliary protein
// 1.00E-172// 295aa// 94%// AAD21311

NT2RI3007978// CTP synthase II; CTP synthetase type 2 [Homo sapiens]// 0
// 536aa// 91%// NM_019857

NT2RI3008055

NT2RI3008162

NT2RI3008652// Homo sapiens mRNA for CDEP, complete cds.// 6.10E-113// 4
43aa// 52%// AB008430

NT2RI3008697// erythroblast macrophage protein [Mus musculus]// 2.00E-14
// 70aa// 25%// NM_021500

NT2RI3008974// probable transposase - human transposon MER37// 1.20E-52/
/ 165aa// 69%// S72481

NT2RI3009158// Iroquois-class homeodomain protein IRX-3.// 4.00E-16// 52
aa// 36%// P81067

NT2RP7000359// PROTEIN-TYROSINE PHOSPHATASE D1 (EC 3.1.3.48).// 6.80E-25
// 319aa// 28%// Q16825

NT2RP7000466// Cegpl protein// 0// 482aa// 89%// NP_064436

NT2RP7004027// BONE MORPHOGENETIC PROTEIN 1 PRECURSOR (EC 3.4.24.-) (BMP
-1).// 9.50E-33// 301aa// 30%// P98063

NT2RP7004123

NT2RP7005118// RAS GTPASE-ACTIVATING-LIKE PROTEIN IQGAP1 (P195) (KIAA005
1).// 0// 1034aa// 58%// P46940

NT2RP7005529// PROBABLE GUANINE NUCLEOTIDE REGULATORY PROTEIN TIM (ONCOG
ENE TIM) (P60 TIM) (TRANSFORMING IMMORTALIZED MAMMARY ONCOGENE).// 5.40E
-56// 364aa// 37%// Q12774

NT2RP7005846

NT2RP7009030

NT2RP7009147// CHE-2 protein [Caenorhabditis elegans]// 1.00E-177// 740a
a// 41%// CAB38019

NT2RP7009867

NT2RP7010128

NT2RP7010599// Homo sapiens endothelial lipase mRNA, complete cds.// 5.6
0E-174// 321aa// 98%// AF118767

NT2RP7011570

NT2RP7013795// VEGETATIBLE INCOMPATIBILITY PROTEIN HET-E-1.// 4.90E-11//
129aa// 34%// Q00808

NT2RP7014005// CTP synthase II; CTP synthetase type 2 [Homo sapiens]// 0
// 536aa// 91%// NM_019857

NT2RP7015512

NT2RP7017365

NT2RP7017474

NT2RP7017546

NT2RP8000137

NT2RP8000296// similar to Kelch proteins// 0// 600aa// 99%// AAF03529

NT2RP8000483// Rattus norvegicus mRNA for Nadrin E2, complete cds.// 2.0
0E-208// 548aa// 75%// AB060557

NTONG2000413// MATRIX METALLOPROTEINASE-16 PRECURSOR (EC 3.4.24.-) (MMP-
16) (MEMBRANE-TYPE MATRIX METALLOPROTEINASE 3) (MT-MMP 3) (MTMMP3) (MMP-
X2).// 5.60E-62// 290aa// 37%// P51512

NTONG2003852

NTONG2005277// ANKYRIN 1 (ERYTHROCYTE ANKYRIN).// 8.20E-31// 363aa// 31%

// Q02357

NTONG2005969

NTONG2006354

NTONG2007249

NTONG2007517// RING CANAL PROTEIN (KELCH PROTEIN).// 9.10E-32// 295aa//
28%// Q04652

NTONG2008088

NTONG2008672// final exon in repeat region; similar to long tandem repeat
region of sialidase (SP:TCNA_TRYCR, P23253) and neurofilament H protein
// 1.9E-15// 559aa// 25%// AAC48204

OCBBF1000254

OCBBF2001794

OCBBF2002124// p40 [Homo sapiens]// 3.00E-63// 103aa// 88%// AAC51270

OCBBF2003819

OCBBF2004826// T-cell lymphoma invasion and metastasis 2 [Homo sapiens]/
/ 0// 580aa// 99%// NP_036586

OCBBF2004883

OCBBF2005428

OCBBF2006005// Bos taurus phosphatidic acid-preferring phospholipase A1
mRNA, complete cds.// 0// 885aa// 90%// AF045022

OCBBF2006058// Homo sapiens acyl-Coenzyme A dehydrogenase-8 precursor, m
RNA, complete cds.// 5.40E-57// 109aa// 100%// AF126245

OCBBF2006151// Mus musculus protein tyrosine phosphatase-like protein PT
PLB (Ptp1b) mRNA, complete cds.// 3.40E-126// 258aa// 93%// AF169286

OCBBF2006567

OCBBF2006764// seizure related gene 6 [Mus musculus]// 0// 780aa// 89%//
NP_067261

OCBBF2007028// Homo sapiens mRNA for NESCA, complete cds.// 1.50E-169//
176aa// 98%// AB026894

OCBBF2007068// ankyrin 1 [Bos taurus].// 1.00E-68// 800aa// 32%// AAF617
02

OCBBF2007114

OCBBF2007428

OCBBF2007478

OCBBF2007610// PSD-95/SAP90-associated protein-4 [Rattus norvegicus].//
1.00E-137// 226aa// 90%// AAB48590

OCBBF2008770

OCBBF2009788

OCBBF2009926

OCBBF2010140

OCBBF2010416

OCBBF2017516

OCBBF2019327

OCBBF2019823// lactate dehydrogenase A -like [Homo sapiens].// 1.00E-164/
/ 273aa// 82%// NM_033195

OCBBF2020343

OCBBF2020453

OCBBF2020639

OCBBF2020741

OCBBF2020801// Ataxin 7 (Spinocerebellar ataxia type 7 protein).// 5.00E
-67// 116aa// 100%// 015265

OCBBF2020838// FORKHEAD BOX PROTEIN D4 (FORKHEAD-RELATED PROTEIN FKHL9)
(FORKHEAD- RELATED TRANSCRIPTION FACTOR 5) (FREAC-5) (TRANSCRIPTION FACT
OR FKH- 2).// 1.70E-114// 371aa// 63%// Q60688

OCBBF2021020// Homo sapiens mRNA for vascular Rab-GAP/TBC-containing pro
tein, complete cds.// 1.8E-24// 107aa// 47%// AB024057

OCBBF2021286

OCBBF2021323// Mus musculus GTRGE022 (Gtrgeo22) mRNA, complete cds.// 7.

80E-49// 115aa// 88%// AF303106
OCBBF2021788// Homo sapiens mRNA for B-cell CLL/lymphoma 9 (BCL9 gene)./
/ 1.30E-92// 600aa// 42%// Y13620
OCBBF2022351// TIPD PROTEIN.// 1.1E-54// 263aa// 40%// O15736
OCBBF2022574
OCBBF2023162
OCBBF2023643
OCBBF2024719
OCBBF2024781
OCBBF2024850
OCBBF2025028
OCBBF2025458
OCBBF2025527// GLYCEROL-3-PHOSPHATE DEHYDROGENASE [NAD+], CYTOPLASMIC (E
C 1.1.1.8) (GPD-C) (GPDH-C).// 8.60E-49// 116aa// 78%// P13707
OCBBF2025730
OCBBF2026645
OCBBF2027423
OCBBF2027478
OCBBF2028173// JM11 protein [Homo sapiens]// 1.00E-131// 304aa// 97%// A
AF05832
OCBBF2028935
OCBBF2029901
OCBBF2030354// Mus musculus pantothenate kinase 1 beta (panK1beta) mRNA,
complete cds.// 9.50E-195// 372aa// 96%// AF200357
OCBBF2030517
OCBBF2030574
OCBBF2030708
OCBBF2031167// Homo sapiens mRNA for MDC2 alpha, MDC2 beta, complete cds
.// 0// 813aa// 99%// AB009671

OCBBF2031366

OCBBF2032590// H.sapiens mRNA for melanoma-associated chondroitin sulfate proteoglycan (MCSP).// 1.80E-11// 151aa// 39%// X96753

OCBBF2032599

OCBBF2032611

OCBBF2032671

OCBBF2033869// PROCOLLAGEN C-PROTEINASE ENHANCER PROTEIN PRECURSOR (PCPE) (TYPE I PROCOLLAGEN COOH-TERMINAL PROTEINASE ENHANCER) (TYPE 1 PROCOLLAGEN C- PROTEINASE ENHANCER PROTEIN).// 6.6E-21// 151aa// 38%// Q15113

OCBBF2035110

OCBBF2035214

OCBBF2035564

OCBBF2035885

OCBBF2035916

OCBBF2036476

OCBBF2036743// ZINC FINGER PROTEIN 133.// 9.00E-157// 639aa// 48%// P52736

OCBBF2037068// BCL2/adenovirus E1B 19-kDa protein-interacting protein 2.// 3.00E-74// 122aa// 66%// 054940

OCBBF2037340// Sacsin.// 0// 356aa// 100%// Q9NZJ4

OCBBF2037398

OCBBF2037547// T-cell lymphoma invasion and metastasis 2 [Homo sapiens]/ 0// 1024aa// 92%// NM_012454

OCBBF2037598// axonal-associated cell adhesion molecule [Mus musculus]// 0// 366aa// 89%// NP_031544

OCBBF2037638

OCBBF2038317// VPS10 domain receptor protein SORCS [Mus musculus]// 0// 986aa// 91%// NM_021377

OCBBF3000296

OCBBF3000483

OCBBF3002553

OCBBF3002600

OCBBF3003320// Potential phospholipid-transporting ATPase IS (EC 3.6.3.1
3) (Fragment).// 1.00E-110// 179aa// 62%// P98196

OCBBF3003592// Dynein beta chain, flagellar outer arm.// 2.00E-54// 222a
a// 21%// Q39565

OCBBF3004314// Fas apoptotic inhibitory molecule [Mus musculus]// 8.00E-
67// 117aa// 90%// NM_011810

OCBBF3006802

OCBBF3007516

OCBBF3008230

OCBBF3009279

PEBLM2000170// Sprouty homolog 3 (Spry-3).// 1.00E-31// 64aa// 100%// 04
3610

PEBLM2000338

PEBLM2001465// diphthamide biosynthesis; Dph5p [Saccharomyces cerevisiae
]// 9.00E-65// 160aa// 57%// NP_013273

PEBLM2001488

PEBLM2002594// ATP-binding cassette, sub-family A member 8 [Homo sapiens
]// 4.50E-156// 469aa// 64%// XP_016390

PEBLM2002749

PEBLM2002887// ZINC FINGER PROTEIN 195.// 1.50E-08// 62aa// 58%// 014628

PEBLM2004497

PEBLM2004666

PEBLM2005183// 5'-3' exonuclease // 0// 804aa// 92%// CAA62819

PEBLM2005697

PEBLM2006113

PEBLM2007112

PEBLM2007140

PEBLM2007834

PERIC1000147

PERIC2000889// Rattus norvegicus dynamin-like protein variant 4 mRNA, alternatively spliced, partial cds.// 3.1E-22// 51aa// 98%// AF107048

PERIC2000914

PERIC2001227

PERIC2001228

PERIC2002766

PERIC2003090

PERIC2003452

PERIC2003699

PERIC2003720// kinectin 1; CG-1 antigen [Homo sapiens].// 2.00E-92// 270 aa// 90%// NP_004977

PERIC2003834

PERIC2004028// Mus musculus erythroblast macrophage protein EMP mRNA, complete cds.// 3.80E-33// 65aa// 100%// AF263247

PERIC2004259

PERIC2004379

PERIC2004429

PERIC2004909

PERIC2005347// alpha 1C adrenergic receptor isoform 2// 3.30E-22// 74aa// 70%// BAA06901

PERIC2005370

PERIC2006035

PERIC2007914// Ubiquitously transcribed TPR gene on Y chromosome [Homo sapiens]// 1.0E-22// 84aa// 67%// NP_009056

PERIC2008385// sarcosine dehydrogenase; dimethylglycine dehydrogenase-like 1 [Homo sapiens]// 4.00E-17// 47aa// 51%// NM_007101

PERIC2009086// Homo sapiens melanoma-associated antigen MG50 mRNA, partial cds.// 5.00E-189// 508aa// 66%// AF200348

PLACE5000001

PLACE5000171// E-SELECTIN PRECURSOR (ENDOTHELIAL LEUKOCYTE ADHESION MOLECULE 1) (ELAM-1) (LEUKOCYTE-ENDOTHELIAL CELL ADHESION MOLECULE 2) (LECAM 2) (CD62E).// 1.50E-28// 242aa// 30%// P98110

PLACE5000260

PLACE5000282// elastin [Homo sapiens]// 8.00E-08// 420aa// 97%// NP_000492

PLACE6001185

PLACE6009006

PLACE6012574

PLACE6019385// MITOGEN-ACTIVATED PROTEIN KINASE KINASE KINASE 5 (EC 2.7.1.-) (MAPK/ERK KINASE KINASE 5) (MEK KINASE 5) (MEKK 5) (APOPTOSIS SIGNAL-REGULATING KINASE 1) (ASK-1).// 2E-57// 92aa// 63%// Q99683

PLACE6019932// Ictalurus punctatus NCC receptor protein 1 (NCCRP-1) mRNA, complete cds.// 1.2E-34// 124aa// 50%// AF208795

PLACE6020031// ANKYRIN HOMOLOG PRECURSOR.// 2.70E-06// 156aa// 35%// Q06527

PLACE7000514// Mus musculus mRNA for ER protein 58 (EP58 gene).// 3.80E-111// 366aa// 55%// AJ404004

PLACE7001022

PLACE7001936

PLACE7002641// Ring assembly protein 3.// 2.00E-13// 79aa// 26%// 074994

PLACE7006051// cytoplasmic dynein heavy chain 2 [Rattus norvegicus]// 0// 987aa// 90%// NM_023024

PLACE7008431// Phosphatidylinositol-4-phosphate 5-kinase type II alpha (EC 2.7.1.68) (PIP5KII-alpha) (1-phosphatidylinositol-4-phosphate kinase) (PtdIns(4)P-5-kinase B isoform) (Diphosphoinositide kinase).// 1.00E-10

9// 200aa// 56%// 070172

PLACE7008623

PROST1000184// VASOACTIVE INTESTINAL POLYPEPTIDE RECEPTOR 1 PRECURSOR (VIP-R-1) (PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE TYPE II RECEPTOR) (PACAP TYPE II RECEPTOR) (PACAP-R-2).// 7.0E-63// 125aa// 98%// P32241

PROST1000528

PROST1000559// predicted osteoblast protein [Homo sapiens]// 6.00E-33// 227aa// 38%// NP_055703

PROST2003428// Protein pM5 precursor.// 9.00E-47// 91aa// 89%// Q15155

PROST2008993// Mus musculus Pax transcription activation domain interacting protein PTIP mRNA, complete cds.// 1.10E-211// 542aa// 77%// AF104261

PROST2015243

PROST2016462// N-chimaerin (NC) (N-chimerin) (Alpha chimerin) (A-chimaerin).// 6.00E-26// 65aa// 34%// P30337

PROST2017367// PROTEIN-GLUTAMINE GLUTAMYLTRANSFERASE 4 (EC 2.3.2.13) (PROSTATE TRANSGLUTAMINASE) (PROSTATE TRANSGLUTAMINASE) (TGP).// 1.30E-52// 102aa// 99%// P49221

PROST2017413

PROST2017700

PROST2018030

PROST2018090// SUSHI REPEAT-CONTAINING PROTEIN SRPX PRECURSOR.// 9.50E-244// 414aa// 99%// P78539

PROST2018511// Growth factor receptor-bound protein 7 (GRB7 adapter protein) (Epidermal growth factor receptor GRB-7) (B47).// 0// 495aa// 99%// Q14451

PROST2018902

PROST2018922

PROST2019296

PROST2019781

PUAEN2002489// Homo sapiens putative seven pass transmembrane protein (TM7SF1) mRNA, complete cds.// 1.0E-48// 189aa// 53%// AF027826

PUAEN2002616

PUAEN2003079// nasopharyngeal carcinoma susceptibility protein [Homo sapiens]// 3.00E-36// 75aa// 96%// NP_037407

PUAEN2005588

PUAEN2005930

PUAEN2006328// vascular Rab-GAP/TBC-containing [Homo sapiens]// 8.0E-99// 360aa// 53%// NP_008994

PUAEN2006701

PUAEN2007044// TRNA PSEUDOURIDINE SYNTHASE B (EC 4.2.1.70) (TRNA PSEUDOURIDINE 55 SYNTHASE) (PSI55 SYNTHASE) (PSEUDOURIDYLATE SYNTHASE) (URACIL HYDROLYASE).// 7.90E-15// 129aa// 34%// P45142

PUAEN2007785

PUAEN2009174

PUAEN2009655// Bos taurus phosphatidic acid-preferring phospholipase A1 mRNA, complete cds.// 0// 565aa// 96%// AF045022

PUAEN2009795// Endothelial cell multimerin precursor.// 1.00E-161// 296aa// 78%// Q13201

PUAEN2009852// serine/threonine protein kinase Kp78 splice variant CTAK7 5a // 3.00E-33// 86aa// 36%// AAD48007

RECTM2000433// ZG-16p [Rattus norvegicus] // 1.60E-64// 148aa// 85%// CA A83059

RECTM2001347// sphingosine kinase type 2 isoform [Homo sapiens]// 4.00E-46// 87aa// 80%// NM_020126

SKMUS2000757

SKMUS2003074

SKMUS2004047

SKMUS2006394// Mus musculus ankyrin repeat-containing protein Asb-4 mRNA
, partial cds.// 6.40E-54// 405aa// 34%// AF155355

SKNMC1000124// putative nuclear protein [Homo sapiens].// 3.00E-12// 398
aa// 37%// NP_057689

SKNMC2002402

SKNMC2004457

SKNMC2004643

SKNMC2005772

SKNMC2006998// PROTEIN PHOSPHATASE INHIBITOR 1 (IPP-1) (I-1).// 9.9E-32/
/ 113aa// 64%// Q13522

SKNMC2007504// DNA-directed RNA polymerase II largest subunit (EC 2.7.7.
6) (RPB1).// 1.00E-16// 76aa// 26%// P08775

SKNMC2007961

SKNMC2009450

SKNSH2000482

SKNSH2009991

SKNSH2010015

SMINT1000192// PUTATIVE ATP-DEPENDENT RNA HELICASE KIAA0134.// 4.00E-12/
/ 37aa// 100%// Q14147

SMINT2001818

SMINT2002743

SMINT2006641

SMINT2007391

SMINT2009902

SMINT2010076// Ig alpha-1 chain C region.// 0// 319aa// 91%// P01876

SMINT2010897

SMINT2011311

SMINT2011888// protein Tro alpha1 H, myeloma// 8.9E-215// 481aa// 82%// 0

501254A

SMINT2015787// immunoglobulin lambda light chain [Homo sapiens]// 1.40E-60// 164aa// 77%// CAA40954

SPLEN2001599// Homo sapiens sialic acid binding immunoglobulin-like lectin 8 long splice variant (Siglec8) gene, complete cds.// 4.00E-71// 294aa// 38%// AF287892

SPLEN2002147// Halocynthia roretzi mRNA for HrPET-3, complete cds.// 1.20E-09// 78aa// 41%// AB029335

SPLEN2002467// Homo sapiens leucine-rich repeats containing F-box protein FBL3 mRNA, complete cds.// 1.60E-187// 422aa// 77%// AF186273

SPLEN2002707

SPLEN2006122// Homo sapiens RNA-binding region (RNP1, RRM) containing 2 (RNPC2)// 2.00E-81// 147aa// 84%// NM_004902

SPLEN2009548

SPLEN2010912// putative nucleolar RNA helicase [Homo sapiens]// 0// 339aa// 90%// NM_019082

SPLEN2011422// CALDESMON (CDM).// 5.3E-12// 165aa// 37%// Q05682

SPLEN2012624// BRCA1-associated RING domain protein 1 (BARD-1).// 6.00E-14// 48aa// 39%// Q9QZH2

SPLEN2012889// putative Na⁺-dependent inorganic phosphate cotransporter// 9.00E-19// 70aa// 32%// AAC35230

SPLEN2014946

SPLEN2015158

SPLEN2015267// Homo sapiensIGHG3 gene for immunoglobulin heavy chain gamma 3 constant region, 4-exon hinge, isolate Lib-A2.// 1.0E-213// 377aa// 100%// AJ390247

SPLEN2015679// Oryctolagus cuniculus sarcolemmal associated protein-3 mRNA, complete cds.// 4.90E-30// 266aa// 31%// U21157

SPLEN2016554

SPLEN2016863

SPLEN2017104

SPLEN2021701// HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, A-2 ALPHA CHAIN P
RECURSOR.// 4.40E-128// 173aa// 86%// P01892

SPLEN2023733

SPLEN2023791

SPLEN2024127

SPLEN2025491

SPLEN2027268

SPLEN2028844

SPLEN2028914

SPLEN2029051

SPLEN2029176

SPLEN2029522

SPLEN2029683

SPLEN2029727

SPLEN2029912

SPLEN2030335// Mus musculus fatty acid transport protein 3 mRNA, partial
cds// 9.7E-251// 275aa// 81%// AF072758

SPLEN2030479

SPLEN2031125

SPLEN2031424

SPLEN2031547// Triose phosphate/phosphate translocator, non-green plastid
precursor (CTPT).// 4.00E-20// 76aa// 25%// P52178

SPLEN2031724

SPLEN2031780

SPLEN2032154// NDRG1 PROTEIN (DIFFERENTIATION-RELATED GENE 1 PROTEIN) (D
RG1) (REDUCING AGENTS AND TUNICAMYCIN-RESPONSIVE PROTEIN) (RTP) (NICKEL-
SPECIFIC INDUCTION PROTEIN CAP43).// 1.0E-22// 80aa// 57%// Q92597

SPLN2032321

SPLN2032813

SPLN2033098// tumor necrosis factor receptor superfamily, member 14// 1
.7E-99// 183aa// 100%// NP_003811

SPLN2033153

SPLN2033539

SPLN2033921

SPLN2034021

SPLN2034081

SPLN2034678

SPLN2034781

SPLN2036103

SPLN2036326// CLAUDIN-5 (TRANSMEMBRANE PROTEIN DELETED IN VCFS) (TMDVCF
).// 2.6E-118// 218aa// 100%// 000501

SPLN2036712

SPLN2036821// MITOCHONDRIAL CARNITINE/ACYLCARNITINE CARRIER PROTEIN (CA
RNITINE/ACYLCARNITINE TRANSLOCASE) (CAC).// 6.5E-10// 104aa// 33%// 0437
72

SPLN2036932// Homo sapiens calcium and DAG-regulated guanine nucleotide
exchange factor I mRNA, complete cds.// 3.9E-63// 124aa// 100%// AF0811
94

SPLN2037194// NORQ PROTEIN.// 5.5E-11// 127aa// 38%// Q51664

SPLN2037580

SPLN2037630

SPLN2037722// lymphocyte antigen 108 [Mus musculus]// 3.00E-63// 137aa/
/ 42%// NM_030710

SPLN2038055

SPLN2038180

SPLN2038345

SPLEN2038407// basement membrane-induced gene // 2.1E-33// 283aa// 34%//

XP_001646

SPLEN2039697

SPLEN2039936

SPLEN2040222

SPLEN2041304

SPLEN2041310

SPLEN2041645

SPLEN2041720

SPLEN2041977

SPLEN2042303

SPLEN2042598

STOMA1000189

STOMA2003444

STOMA2004294// Ig lambda chain V-IV region Bau.// 1.00E-41// 79aa// 73%/
/ P01715

STOMA2004925

STOMA2008546// CDM PROTEIN (6C6-AG TUMOR-ASSOCIATED ANTIGEN) (DXS1357E).
// 5.00E-124// 246aa// 100%// P51572

SYNOV1000374

SYNOV2005216// Homo sapiens laryngeal carcinoma related protein 1 mRNA,
complete cds.// 2.5E-36// 70aa// 98%// AF268387

SYNOV2005448

SYNOV2005817// CYTOKINE RECEPTOR CLASS-II CRF2-4 PRECURSOR.// 7.6E-176//
314aa// 98%// Q08334

SYNOV2006430

SYNOV2007965// Homo sapiens mRNA for H-1(3)mbt-like protein, alternative
variant a.// 3.1E-118// 429aa// 54%// AJ305226

SYNOV2012326// PUTATIVE PROTEIN-TYROSINE PHOSPHATASE TPTE (EC 3.1.3.48).

// 6.7E-24// 112aa// 58%// P56180

SYNOV2014400// FIBULIN-1, ISOFORM C PRECURSOR.// 4.0E-31// 198aa// 37%//
P23144

SYNOV2016124

SYNOV2017055

SYNOV2018921

SYNOV2021320// SH3 DOMAIN-BINDING PROTEIN 3BP-2.// 2.3E-238// 429aa// 98
%// P78314

SYNOV3000231// Ig gamma-1 chain C region.// 0// 315aa// 95%// P01857

SYNOV3000302// Ig gamma-1 chain C region.// 1.00E-173// 294aa// 89%// P0
1857

SYNOV4000472

SYNOV4000706// B cell phosphoinositide 3-kinase adaptor [Mus musculus]//
0// 633aa// 79%// NM_031376

SYNOV4001326

SYNOV4001395

SYNOV4002346

SYNOV4002392

SYNOV4002883// S-adenosylmethionine decarboxylase proenzyme (EC 4.1.1.50
) (AdoMetDC) (SamDC) [Contains: S-adenosylmethionine decarboxylase alpha
chain; S-adenosylmethionine decarboxylase beta chain].// 4.00E-72// 12
9aa// 99%// P17707

SYNOV4003322

SYNOV4004184

SYNOV4004741// BENE protein (Fragment).// 2.00E-77// 140aa// 94%// Q1302
1

SYNOV4004823

SYNOV4004914

SYNOV4006256

SYNOV4007012

SYNOV4007215

SYNOV4007360// SSXT protein (SYT protein).// 5.00E-24// 70aa// 36%// Q62
280

SYNOV4007430

SYNOV4007521// fibroblast growth factor receptor-like 1 precursor [Homo
sapiens]// 7.00E-11// 53aa// 29%// NM_021923

SYNOV4007553// toll-like receptor2 [Homo sapiens]// 0// 740aa// 94%// NM
_003264

SYNOV4007671// Syntaxin 3.// 1.00E-144// 262aa// 99%// Q13277

SYNOV4008336

SYNOV4008440// Protein BAP28.// 0// 1119aa// 85%// Q9H583

TIESE2000116

TBAES2001171

TBAES2001220

TBAES2001229// 60S ribosomal protein L23a.// 8.00E-48// 92aa// 82%// P29
316

TBAES2001258// SERINE PROTEASE HEPsin (EC 3.4.21.-) (TRANSMEMBRANE PROTE
ASE, SERINE 1).// 6.40E-19// 55aa// 87%// P05981

TBAES2001492

TBAES2001751

TBAES2002197

TBAES2003550

TBAES2004055// NY-REN-50 antigen// 1.00E-155// 290aa// 99%// AAD42878.

TBAES2005157

TBAES2005543

TBAES2006568

TBAES2007964

TCERX2000613

TCOLN2002278

TESOP1000127

TESOP2000801// PROTO-ONCOGENE TYROSINE-PROTEIN KINASE YES (EC 2.7.1.112)
(P61-YES) (C-YES).// 3.9E-46// 159aa// 57%// Q04736

TESOP2001122// Caenorhabditis elegans LIN-9S (lin-9) mRNA, complete cds.
// 5.60E-25// 222aa// 28%// AF269694

TESOP2001166// Mus musculus SOCS-5 mRNA, complete cds.// 1.2E-114// 439a
a// 53%// AF033187

TESOP2001345

TESOP2001605// Homo sapiens laryngeal carcinoma related protein 1 mRNA,
complete cds.// 2.5E-36// 70aa// 98%// AF268387

TESOP2001818

TESOP2001849

TESOP2001865

TESOP2001953// ooplasm [Mus musculus]// 7.00E-08// 58aa// 26%// NM_01186
0

TESOP2002273

TESOP2002451

TESOP2002489

TESOP2002539

TESOP2002950

TESOP2003273

TESOP2003753

TESOP2004114// PROCOLLAGEN-LYSINE, 2-OXOGLUTARATE 5-DIOXYGENASE 2 PRECURS
OR (EC 1.14.11.4) (LYSYL HYDROXYLASE 2) (LH2).// 1.70E-202// 237aa// 99%
// 000469

TESOP2005285// Homo sapiens partial mRNA for chr2 synaptotagmin (CHR2SYT
gene).// 1.1E-21// 54aa// 96%// AJ303365

TESOP2005485// Ig delta chain C region.// 2.00E-77// 136aa// 100%// P018

80

TESOP2005579

TESOP2006041

TESOP2006060

TESOP2006068

TESOP2006670

TESOP2006746

TESOP2007052

TESOP2007262

TESOP2007636

TESOP2007688

TESOP2009121// Homo sapiens centromere protein E (312kD) (CENPE), mRNA//
2.00E-10// 155aa// 20%// NM_001813

TESOP2009555

TESTI1000257// GLUCOSE TRANSPORTER TYPE 3, BRAIN.// 7.4E-249// 493aa// 9
5%// P11169

TESTI1000319// Putative eukaryotic translation initiation factor 3 subun
it (eIF-3) (Fragment).// 0// 683aa// 97%// 075153

TESTI1000330

TESTI1000348

TESTI1000390

TESTI1000491

TESTI1000545// Ring assembly protein 3.// 2.00E-14// 92aa// 26%// 074994
TESTI2000443

TESTI2000644// SMALL INDUCIBLE CYTOKINE A14 PRECURSOR (CHEMOKINE CC-1/CC
-3) (HCC- 1/HCC-3) (NCC-2).// 2.80E-36// 69aa// 98%// Q16627

TESTI2002036// DIHYDROPYRIDINE-SENSITIVE L-TYPE, SKELETAL MUSCLE CALCIUM
CHANNEL ALPHA-1 SUBUNIT.// 1.70E-18// 398aa// 24%// P22316

TESTI2002618// ADAM 2 PRECURSOR (A DISINTEGRIN AND METALLOPROTEINASE DOM

AIN 2) (FERTILIN BETA SUBUNIT) (PH-30) (PH30).// 1.10E-57// 253aa// 47%/
/ Q99965

TESTI2002928

TESTI2003347// Homo sapiens connexin 59 (CX59) gene, complete cds.// 1.8
0E-243// 440aa// 100%// AF179597

TESTI2003573// Mus musculus cell cycle checkpoint control protein Mrad9
gene, complete cds.// 2.4E-38// 325aa// 30%// AF045662

TESTI2004215// Maackia amurensis early nodulin (ENOD2) mRNA, partial cds
.// 1.3E-34// 390aa// 31%// AF039708

TESTI2004700

TESTI2005376

TESTI2005610// H.sapiens encoding CLA-1 mRNA.// 5.9E-234// 425aa// 99%//
Z22555

TESTI2005739// Drosophila melanogaster Rho-kinase (Rhk) mRNA, complete c
ds.// 1.7E-09// 383aa// 24%// AF151375

TESTI2005986

TESTI2006041

TESTI2006643

TESTI2006648// ATP-binding cassette, sub-family C, member 5a// 9E-109//
452aa// 39%// NP_038818

TESTI2009474

TESTI2009477// TRICHOHYALIN.// 1.9E-18// 124aa// 39%// P37709

TESTI2009511

TESTI2009812

TESTI2010400

TESTI2013381

TESTI2013382

TESTI2014716// G-RICH SEQUENCE FACTOR-1 (GRSF-1).// 2.6E-228// 391aa// 9
9%// Q12849

TESTI2014843

TESTI2016046// Homo sapiens HOTTL protein mRNA, complete cds.// 2.8E-20/
/ 242aa// 26%// AF078842

TESTI2017727

TESTI2018838

TESTI2019042

TESTI2019648

TESTI2023254

TESTI2023599

TESTI2024567// METABOTROPIC GLUTAMATE RECEPTOR 8 PRECURSOR.// 1.10E-130/
/ 243aa// 99%// 000222

TESTI2026505// PUTATIVE RHO/RAC GUANINE NUCLEOTIDE EXCHANGE FACTOR (RHO/
RAC GEF) (FACIOGENITAL DYSPLASIA PROTEIN).// 1.40E-50// 378aa// 29%// P9
8174

TESTI2027019// Homo sapiens leucine-rich repeat-containing G protein-cou
pled receptor 6 (LGR6) mRNA, partial cds.// 4.80E-125// 137aa// 100%// A
F190501

TESTI2031529

TESTI2034520// Rattus norvegicus SMC (segregation of mitotic chromosomes
1)-like 1 (yeast) (Smc111), mRNA// 1.00E-145// 250aa// 53%// NM_031683

TESTI2034749

TESTI2034767// Homo sapiens collagen type IX alpha 1 chain (COL9A1) gene
, long and short alternatively spliced forms, exon 38 and complete cds./
/ 1.40E-191// 484aa// 73%// AF036130

TESTI2034953// Homo sapiens 88-kDa Golgi protein (GM88) mRNA, complete c
ds.// 2.00E-27// 91aa// 64%// AF204231

TESTI2034997

TESTI2035107

TESTI2035997

TESTI2036513

TESTI2036684

TESTI2037643

TESTI2040018// Homo sapiens ZNF258 (ZNF258) mRNA, complete cds.// 7.80E-97// 461aa// 49%// AF055470

TESTI2042450

TESTI2044796// ring finger protein 3 [Homo sapiens]// 9.00E-41// 92aa// 38%// NM_006315

TESTI2044833

TESTI2045920

TESTI2045983

TESTI2046347

TESTI2047071

TESTI2048465

TESTI2048603

TESTI2048898

TESTI2049206

TESTI2049246

TESTI2049277

TESTI2049422

TESTI2049452

TESTI2049469

TESTI2049576

TESTI2049857// golgi stacking protein homolog GRASP55 [Rattus norvegicus]// 5.00E-163// 410aa// 89%// AAD55350

TESTI2050137// SHC transforming protein.// 1.00E-113// 232aa// 54%// P98083

TESTI2050681

TESTI2050987// RET finger protein-like 1.// 4.00E-35// 94aa// 34%// 0756

77

TESTI2051279

TESTI2051488

TESTI2051543

TESTI2051767

TESTI2051806

TESTI2051867// 60S ribosomal protein L4 (L1).// 1.00E-126// 222aa// 86%/
/ P36578

TESTI2052211

TESTI2052693// brk kinase substrate [Homo sapiens].// 0// 341aa// 87%/
CAB65105

TESTI2052698

TESTI2052822

TESTI2053242

TESTI2053399// Homo sapiens pescadillo homolog 1, containing BRCT domain
(zebrafish) (PES1), mRNA// 9.00E-33// 63aa// 100%// NM_014303

TESTI2053526

TESTI2053621// Guanylyl cyclase activating protein 1 (GCAP 1) (Guanylate
cyclase activator 1A).// 7.00E-96// 170aa// 92%// P43080

TESTI4000014// 130 kDa leucine-rich protein (LRP 130) (GP130).// 0// 121
0aa// 96%// P42704

TESTI4000068

TESTI4000079// nuclear dual-specificity phosphatase [Homo sapiens]// 6.0
0E-07// 80aa// 36%// AAC39675

TESTI4000209// Homo sapiens F-BOX domain protein mRNA, complete cds.// 5
.5E-103// 194aa// 99%// AF248640

TESTI4000215

TESTI4000250

TESTI4000288// Dynamin-1 (EC 3.6.1.50) (D100) (Dynamin, brain) (B-dynami

n).// 2.00E-13// 38aa// 77%// P21575
TESTI4000349// thyroid hormone receptor interactor 12// 1.00E-39// 180aa
// 40%// NP_004229
TESTI4000462
TESTI4000530
TESTI4000724// solute carrier family 16 (monocarboxylic acid transporter
s)// 5.00E-47// 490aa// 28%// NP_004687
TESTI4000970
TESTI4001100// protein tyrosine phosphatase, receptor type, f polypeptid
e (PTPRF), interacting protein (liprin), alpha 1 [Homo sapiens]// 3.00E-
21// 50aa// 40%// NM_003626
TESTI4001106// ubiquitin-protein ligase e3 componen n-recognin [Mus musc
ulus]// 1.00E-124// 228aa// 45%// NM_009461
TESTI4001148// Dynein beta chain, ciliary.// 1.00E-152// 282aa// 45%// P
39057
TESTI4001176// Regulator of nonsense transcripts 1 (Nonsense mRNA reduci
ng factor 1) (NORF1) (Up-frameshift suppressor 1 homolog).// 3.00E-46//
90aa// 92%// Q92900
TESTI4001201
TESTI4001206
TESTI4001527// UDP-glucuronosyltransferase 2C1 microsomal (EC 2.4.1.17)
(UDPGT) (Fragment).// 9.00E-24// 64aa// 36%// P36514
TESTI4001561// 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC
2.3.1.51) (1- AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid
acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate 0- acyl
transferase 3).// 0// 319aa// 93%// Q9NRZ7
TESTI4001665
TESTI4001923
TESTI4002290

TESTI4002491// Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) (Brain protein I47) (Fragment).// 1.00E-52// 99aa// 93%// P28663

TESTI4002552// Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na⁺/K⁺ ATPase 4) (Fragment).// 0// 505aa// 94%// Q13733

TESTI4002647

TESTI4002703

TESTI4002754

TESTI4002878

TESTI4004200

TESTI4005628

TESTI4005805

TESTI4005857

TESTI4005961

TESTI4006053

TESTI4006079// MUF1 protein; likely ortholog of mouse MUF1; elongin BC-interacting leucine-rich repeat protein [Homo sapiens]// 0// 365aa// 80%// NM_006369

TESTI4006112

TESTI4006137

TESTI4006148// putative NADH oxidoreductase complex I subunit// 2.00E-18// 40aa// 56%// AAD37863.

TESTI4006219

TESTI4006326

TESTI4006393// neural specific sr protein NSSR 2 [Mus musculus]// 7.00E-19// 70aa// 80%// BAA35093

TESTI4006412

TESTI4006420// SH3-domain binding protein 5 (BTK-associated); SH3 binding

g protein [Homo sapiens]// 8.00E-25// 61aa// 41%// NM_004844
TESTI4006546// colon cancer antigen NY-CO-45 [Homo sapiens].// 0// 723aa
// 99%// AAC18034
TESTI4006802// mesothelin; megakaryocyte potentiating factor [Mus muscul
us]// 2.00E-06// 92aa// 23%// NM_018857
TESTI4006819// Alpha enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-
lyase) (NON- neural enolase) (NNE) (Phosphopyruvate hydratase).// 1.00E-
33// 72aa// 66%// P06733
TESTI4007064
TESTI4007163// Sodium- and chloride-dependent creatine transporter 2 (CT
2) (Fragment).// 2.00E-92// 153aa// 84%// P53796
TESTI4007203
TESTI4007239
TESTI4007373
TESTI4007382
TESTI4007404
TESTI4007489
TESTI4007775
TESTI4007778// Alpha-actinin 3 (Alpha actinin skeletal muscle isoform 3)
(F-actin cross linking protein).// 0// 853aa// 94%// Q08043
TESTI4007799
TESTI4007810// DNA ligase III (EC 6.5.1.1) (Polydeoxyribonucleotide synt
hase [ATP]).// 1.00E-112// 197aa// 86%// P49916
TESTI4008007
TESTI4008018// DAZ associated protein 2; KIAA0058 gene product [Homo sap
iens]// 6.00E-41// 82aa// 75%// NM_014764
TESTI4008050// Translocation protein SEC63 homolog.// 1.00E-175// 314aa/
/ 82%// Q9UGP8
TESTI4008219

TESTI4008401

TESTI4008429// Probable cation-transporting ATPase 2 (EC 3.6.3.-) (CGI-152).// 1.00E-136// 249aa// 94%// Q9HD20

TESTI4008573

TESTI4008797

TESTI4008816

TESTI4008935

TESTI4008993

TESTI4009022

TESTI4009034

TESTI4009123

TESTI4009160// Kinesin-like protein KIF2.// 6.00E-06// 39aa// 37%// P28740

TESTI4009215

TESTI4009283

TESTI4009286// Homo sapiens HOTT1 protein mRNA, complete cds// 2.00E-78// 180aa// 96%// AF078842

TESTI4009374// Apobec-1 complementation factor; APOBEC-1 stimulating protein; apobec-1 complementation factor [Homo sapiens]// 1.00E-120// 203aa// 68%// NM_014576

TESTI4009406

TESTI4009457// p53-inducible p53DINP1 [Homo sapiens]// 3.00E-80// 140aa// 88%// NM_033285

TESTI4009563// testis specific ankyrin-like protein 1 [Homo sapiens]// 1.00E-140// 239aa// 94%// NM_017844

TESTI4009608// putative T1/ST2 receptor binding protein [Homo sapiens]// 1.00E-41// 125aa// 57%// NP_006849

TESTI4009638

TESTI4009881// Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein

heavy chain).// 5.00E-30// 176aa// 21%// Q9JHU4
TESTI4010211
TESTI4010377
TESTI4010713
TESTI4010789
TESTI4010817
TESTI4010831// yeast Sec3lp homolog; ABP125 [Homo sapiens]// 0// 780aa//
81%// NM_016211
TESTI4010851// Probable ubiquitin carboxyl-terminal hydrolase FAF-X (EC
3.1.2.15) (Ubiquitin thiolesterase FAF-X) (Ubiquitin-specific processing
protease FAF-X) (Deubiquitinating enzyme FAF-X) (Fat facets protein rel
ated, X-linked) (Ubiquitin-specific protease 9, X chromosome).// 2.00E-6
7// 213aa// 25%// Q93008
TESTI4010928
TESTI4011118
TESTI4011161
TESTI4011246
TESTI4011484// Sec23-interacting protein p125 [Homo sapiens]// 0// 387aa
// 52%// NM_007190
TESTI4011505
TESTI4011745// WD-repeat protein 9 (Fragment).// 0// 674aa// 82%// Q9NSI
6
TESTI4011956// Ciliary dynein heavy chain (Axonemal dynein heavy chain)
(Dynein heavy chain 9).// 1.00E-170// 340aa// 39%// Q9NYC9
TESTI4012086
TESTI4012329
TESTI4012406// Apolipoprotein(A) (EC 3.4.21.-) (Apo(A)) (LP(A)) (Fragmen
t).// 2.00E-25// 50aa// 79%// P14417
TESTI4012448// Stromelysin-3 precursor (EC 3.4.24.-) (Matrix metalloprot

einase-11) (MMP-11) (ST3) (SL-3).// 0// 375aa// 99%// P24347
TESTI4012505// Tumor suppressor p53-binding protein 2 (p53-binding prote
in 2) (53BP2) (Bcl2-binding protein) (Bbp).// 1.00E-81// 220aa// 34%// Q
13625
TESTI4012556
TESTI4012679// Homo sapiens cryptochrome 1 (photolyase-like) (CRY1), mRN
A// 0// 330aa// 97%// NM_004075
TESTI4012702
TESTI4013369// ATP synthase lipid-binding protein, mitochondrial precurs
or (EC 3.6.1.34) (ATP synthase proteolipid P3) (ATPase protein 9) (ATPas
e subunit C).// 7.00E-60// 119aa// 83%// P48201
TESTI4013667
TESTI4013675
TESTI4013685
TESTI4013735
TESTI4013817// novel AMP-binding enzyme similar to acetyl-coenzyme A syn
thetase (acetate-coA ligase)// 8.00E-38// 99aa// 100%// CAB75500
TESTI4013830// Integral membrane glycoprotein gp210 precursor.// 0// 652
aa// 41%// P11654
TESTI4013924// Intracellular protein transport protein US01.// 8.00E-20/
/ 125aa// 20%// P25386
TESTI4014159
TESTI4014175// Chromodomain helicase-DNA-binding protein 3 (CHD-3) (Mi-2
autoantigen 240 kDa protein) (Mi2-alpha).// 0// 410aa// 75%// Q12873
TESTI4014306
TESTI4014392
TESTI4014445
TESTI4014694
TESTI4014818// AD-012 protein [Homo sapiens]// 1.00E-123// 217aa// 70%//

NM_018449

TESTI4014924// selective hybridizing clone [Mus musculus]// 0// 1153aa//
92%// NM_011370

TESTI4015263

TESTI4015293

TESTI4015471

TESTI4015600

TESTI4015646

TESTI4015681

TESTI4015688

TESTI4016110// DnaJ homolog subfamily B member 8 (mDJ6).// 1.00E-91// 16
5aa// 71%// Q9QYI7

TESTI4016238

TESTI4016551

TESTI4016812

TESTI4016822// Protein phosphatase inhibitor 2 (IPP-2).// 9.00E-72// 133
aa// 83%// P41236

TESTI4016882

TESTI4016925// Dynein beta chain, ciliary.// 0// 533aa// 34%// P39057

TESTI4017001

TESTI4017137

TESTI4017254

TESTI4017543// ubinuclein 1 [Homo sapiens]// 1.00E-124// 286aa// 38%// N
M_016936

TESTI4017575

TESTI4017848

TESTI4017901// alpha-1A-adrenergic receptor, isoform 2; adrenergic, alph
a -1A-, receptor; adrenergic, alpha-1C-, receptor; alpha 1A-adrenoceptor
[Homo sapiens]// 9.00E-21// 51aa// 72%// NM_033303

TESTI4017961

TESTI4018152// protein tyrosine phosphatase, non-receptor type 13 [Mus musculus]// 3.00E-18// 130aa// 33%// NP_035334.

TESTI4018208// MYOSIN IC HEAVY CHAIN.// 6.10E-07// 112aa// 40%// P10569

TESTI4018382

TESTI4018555

TESTI4018806

TESTI4018835// Potential phospholipid-transporting ATPase IK (EC 3.6.3.13) (Fragment).// 0// 514aa// 88%// 060423

TESTI4018881// early endosome antigen 1, 162kD; early endosome-associated protein [Homo sapiens]// 2.00E-14// 101aa// 22%// NM_003566

TESTI4018886// M-protein, striated muscle.// 4.00E-81// 146aa// 46%// Q02173

TESTI4019140// Mi-2 histone deacetylase complex protein 66 [Xenopus laevis]// 2.00E-98// 410aa// 71%// AAD55392

TESTI4019299

TESTI4019417

TESTI4019566// Dosage compensation regulator (Male-less protein) (No action potential protein).// 8.00E-49// 165aa// 29%// P24785

TESTI4019843// Rattus norvegicus huntingtin-associated protein interacting protein (duo) (Hapip), mRNA.// 0// 698aa// 91%// NM_032062

TESTI4020092// Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain).// 3.00E-40// 74aa// 96%// P24043

TESTI4020102

TESTI4020806

TESTI4020920

TESTI4021294

TESTI4021456

TESTI4021478// Potential phospholipid-transporting ATPase IS (EC 3.6.3.1

3) (Fragment).// 0// 433aa// 54%// P98196

TESTI4021491

TESTI4022716// RNA helicase [Homo sapiens]// 0// 817aa// 95%// NM_014314

TESTI4022873// Dynein gamma chain, flagellar outer arm.// 3.00E-09// 106
aa// 19%// Q39575

TESTI4022936

TESTI4023546// Sialidase (EC 3.2.1.18) (Neuraminidase) (NA) (Major surfa
ce antigen).// 6.00E-32// 134aa// 23%// P23253

TESTI4023555

TESTI4023722

TESTI4023762// Trichohyalin.// 5.00E-12// 94aa// 22%// P37709

TESTI4023942

TESTI4024344

TESTI4024420// multidomain presynaptic cytomatrix protein Piccolo [Rattu
s norvegicus]// 0// 789aa// 82%// NM_020098

TESTI4024874

TESTI4024890

TESTI4024907

TESTI4025731

TESTI4025797

TESTI4025920// B29 protein [Homo sapiens]// 2.00E-34// 73aa// 38%// NM_0
31939

TESTI4026079

TESTI4026192

TESTI4026295

TESTI4026456

TESTI4026510// RNA helicase [Homo sapiens]// 0// 445aa// 89%// NM_016130

TESTI4026524// Chromodomain helicase-DNA-binding protein 4 (CHD-4) (Mi-2
autoantigen 218 kDa protein) (Mi2-beta).// 0// 388aa// 59%// Q14839

TESTI4026700

TESTI4026762

TESTI4026785

TESTI4027516

TESTI4027557// Galectin-9 (HOM-HD-21) (Ecalectin).// 1.00E-176// 306aa//
86%// 000182

TESTI4027821

TESTI4028059// 6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phospho
fructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (
PFK-A).// 0// 450aa// 96%// P08237

TESTI4028062

TESTI4028429// Eppin precursor.// 2.00E-32// 61aa// 76%// 095925

TESTI4028612

TESTI4028809

TESTI4028823// Niemann-Pick C1 protein precursor.// 6.00E-22// 127aa// 2
2%// P56941

TESTI4028880// Glucose transporter type 3, brain.// 0// 436aa// 88%// P1
1169

TESTI4028983

TESTI4029370

TESTI4029671

TESTI4029836// Potential phospholipid-transporting ATPase IB (EC 3.6.3.1
3).// 0// 888aa// 93%// P98200

TESTI4030069// fer-1 (C.elegans)-like 3 (myoferlin); fer-1 (C. elegans)-
like 3 [Homo sapiens]// 4.00E-22// 64aa// 38%// NM_013451

TESTI4030159

TESTI4030505

TESTI4030603

TESTI4030669

TESTI4032895

TESTI4033433

TESTI4033690

TESTI4034172

TESTI4034212

TESTI4034432

TESTI4034632// polypeptide N-acetylgalactosaminyltransferase 9; UDP-GalN
Ac: polypeptide N-acetylgalactosaminyltransferase 9; GalNAc transferase
9; protein-UDP acetylgalactosaminyltransferase 9 [Homo sapiens]// 1.00E-
113// 182aa// 60%// NM_021808

TESTI4034912// Intracellular protein transport protein US01.// 6.00E-38/
/ 219aa// 21%// P25386

TESTI4035063// Restin (Cytoplasmic linker protein-170 alpha-2) (CLIP-170
) (Reed- Sternberg intermediate filament associated protein).// 1.00E-17
// 72aa// 27%// P30622

TESTI4035065

TESTI4035498// Septin-like protein KIAA0202 (Fragment).// 7.00E-58// 112
aa// 49%// Q92599

TESTI4035602

TESTI4035637

TESTI4035649

TESTI4036042

TESTI4036909// Regulator of nonsense transcripts 1 homolog.// 9.00E-50//
140aa// 32%// Q9FJR0

TESTI4037066

TESTI4037156// WHSC2 protein [Homo sapiens]// 0// 425aa// 80%// NM_00566
3

TESTI4037188

TESTI4037244

TESTI4037727// Dynein beta chain, ciliary.// 0// 573aa// 73%// P39057

TESTI4038156

TESTI4038223

TESTI4038258

TESTI4038339

TESTI4038492

TESTI4038818

TESTI4039038

TESTI4039086

TESTI4039659// DnaJ homolog subfamily B member 8 (mDJ6).// 1.00E-91// 16

5aa// 71%// Q9QYI7

TESTI4040363// Surfeit locus protein 5.// 3.00E-62// 120aa// 100%// Q155

28

TESTI4040800

TESTI4040939

TESTI4040956

TESTI4041053

TESTI4041099

TESTI4041143

TESTI4041519

TESTI4041624

TESTI4041903

TESTI4041954

TESTI4042098

TESTI4042444

TESTI4042711

TESTI4043129

TESTI4043203

TESTI4043551

TESTI4043947

TESTI4044035

TESTI4044084

TESTI4044123

TESTI4044186// leucine-rich, glioma inactivated 1 [Mus musculus]// 6.00E-65// 110aa// 60%// NM_020278

TESTI4044234

TESTI4044296

TESTI4044682

TESTI4045312

TESTI4046253

TESTI4046282

TESTI4046487// plexin 1 [Mus musculus]// 0// 433aa// 97%// NM_008881

TESTI4046819// Glucoamylase S1/S2 precursor (EC 3.2.1.3). (Glucan 1,4-alpha-glucosidase) (1,4-alpha-D-glucan glucohydrolase).// 4.00E-12// 134aa// 21%// P08640

TESTI4046884

TESTI4047069

THYMU1000496// KINESIN-LIKE PROTEIN KIF1C.// 6.40E-61// 210aa// 53%// 043896

THYMU1000600

THYMU2000932

THYMU2001053

THYMU2001090

THYMU2003397

THYMU2003632

THYMU2003760

THYMU2004693

THYMU2005003

THYMU2005190

THYMU2005303// T-CELL SURFACE GLYCOPROTEIN CD8 ALPHA CHAIN PRECURSOR (T-LYMPHOCYTE DIFFERENTIATION ANTIGEN T8/LEU-2).// 4.2E-56// 111aa// 100%// P01732

THYMU2005321

THYMU2006420// TRANSCRIPTION FACTOR-LIKE PROTEIN MRGX (KIAA0026).// 2.00E-129// 268aa// 92%// Q15014

THYMU2007060// Mus musculus Cdc42 GTPase-activating protein mRNA, complete cds.// 1.50E-37// 270aa// 40%// AF151363

THYMU2007179

THYMU2007658

THYMU2008282

THYMU2008725// PROTEIN-TYROSINE PHOSPHATASE BETA PRECURSOR (EC 3.1.3.48) (R-PTP- BETA).// 5.90E-192// 358aa// 98%// P23467

THYMU2009134

THYMU2009157// Mus musculus MRPS18b mRNA for mitochondrial ribosomal protein S18b, complete cds.// 5.00E-38// 97aa// 77%// AB049954

THYMU2009425// OLFACTORY RECEPTOR-LIKE PROTEIN HGMP07J.// 4.90E-46// 173aa// 53%// P30954

THYMU2011548// olfactory receptor 67 [Mus musculus]// 2.50E-56// 307aa// 39%// NP_038647

THYMU2011736// latent transforming growth factor beta binding protein 3 / 0// 200aa// 99%// NP_066548

THYMU2013386// COTE1 PROTEIN.// 2.50E-25// 269aa// 28%// P81408

THYMU2014353

THYMU2016204

THYMU2016523

THYMU2019210// HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, B-40 B*4002 ALPHA CHAIN PRECURSOR.// 2.1E-195// 248aa// 100%// Q04826

THYMU2019587

THYMU2023711// Homo sapiens mRNA for immunoglobulin lambda heavy chain./
/ 2.50E-233// 477aa// 89%// Y14737

THYMU2023967

THYMU2025707

THYMU2027497// 5-HYDROXYTRYPTAMINE 3 RECEPTOR PRECURSOR (5-HT-3) (SEROTO
NIN-GATED ION CHANNEL RECEPTOR) (5-HT3R).// 2E-10// 186aa// 24%// P46098

THYMU2027695// Ig gamma-1 chain C region.// 1.00E-169// 295aa// 78%// P0
1857

THYMU2027734// Homo sapiens SA hypertension-associated homolog (rat) (SA
H), mRNA.// 2.00E-39// 72aa// 42%// NM_005622

THYMU2028978

THYMU2029676

THYMU2029688

THYMU2030068

THYMU2030226

THYMU2030264

THYMU2030637

THYMU2030796

THYMU2031046// Copine III.// 4.00E-28// 60aa// 75%// 075131

THYMU2031218

THYMU2031258// Homo sapiens oxysterol-binding protein-related protein (O
RP1) mRNA, complete cds.// 4.0E-45// 125aa// 64%// AF274714

THYMU2031341

THYMU2031368

THYMU2031579

THYMU2031847

THYMU2031890

THYMU2032014// src homology 3 domain-containing protein HIP-55; HIP-55 p

rotein [Homo sapiens]// 2.00E-84// 147aa// 90%// NM_014063

THYMU2032035

THYMU2032080

THYMU2032358

THYMU2032437

THYMU2032655

THYMU2032696

THYMU2032825// Mus musculus mRNA for Drctnnbla, complete cds.// 2.3E-74/
/ 202aa// 71%// AB030242

THYMU2033070

THYMU2033079// ATP-binding cassette protein [Mus musculus].// 2.00E-53//
105aa// 91%// AAF31421

THYMU2033104// nuclear prelamin A recognition factor, isoform a [Homo sa
piens]// 5.00E-34// 111aa// 47%// NP_036468

THYMU2033308

THYMU2033787

THYMU2033816

THYMU2034314

THYMU2034374// Homo sapiens MAID protein mRNA, complete cds.// 1.5E-75//
146aa// 100%// AF113535

THYMU2034647

THYMU2035064

THYMU2035101

THYMU2035319// Homo sapiens RNA-binding region (RNP1, RRM) containing 2
(RNPC2)// 0// 354aa// 81%// NM_004902

THYMU2035388

THYMU2035400

THYMU2035735// Oryctolagus cuniculus sarcolemmal associated protein-3 mR
NA, complete cds.// 3.6E-154// 350aa// 90%// U21157

THYMU2036058

THYMU2036085

THYMU2036252

THYMU2036265

THYMU2036459// 240 KDA PROTEIN OF ROD PHOTORECEPTOR CNG-CHANNEL [CONTAIN S: GLUTAMIC ACID-RICH PROTEIN (GARP); CYCLIC-NUCLEOTIDE-GATED CATION CHANNEL 4 (CNG CHANNEL 4) (CNG-4) (CYCLIC NUCLEOTIDE-GATED CATION CHANNEL MODULATORY SUBUNIT)].// 1.40E-13// 527aa// 24%// Q28181

THYMU2036653

THYMU2037081

THYMU2037208

THYMU2037226

THYMU2037233// RNA polymerase I transcription factor RRN3 [Homo sapiens] // 1.00E-71// 143aa// 95%// NP_060897

THYMU2037348

THYMU2037965

THYMU2038189

THYMU2038301// Homo sapiens mRNA for PRP8 protein, complete cds.// 3.90E-52// 112aa// 98%// AB007510

THYMU2038369// Mus musculus GTRGE022 (Gtrgeo22) mRNA, complete cds.// 1.10E-111// 262aa// 83%// AF303106

THYMU2038615

THYMU2038636

THYMU2038739

THYMU2038772

THYMU2038797// B locus C type Lectin [Gallus gallus]// 2.90E-15// 147aa// 34%// CAA18961

THYMU2039305// 70 KDA WD-REPEAT TUMOR-SPECIFIC ANTIGEN (FRAGMENT).// 6.90E-40// 98aa// 83%// 035828

THYMU2039315// *Caenorhabditis elegans* LIN-9L (lin-9) mRNA, complete cds.

// 8.70E-66// 444aa// 34%// AF269693

THYMU2039350

THYMU2039411

THYMU2039780

THYMU2039989

THYMU2040140

THYMU2040412

THYMU2040824

THYMU2040975// PTB-ASSOCIATED SPLICING FACTOR (PSF).// 1.30E-08// 119aa/

/ 36%// P23246

THYMU2041007

THYMU2041015// Monocarboxylate transporter 8 (MCT 8) (X-linked PEST-containing transporter) (MCT 7).// 1.00E-132// 230aa// 54%// P36021

THYMU2041252

THYMU3000028// Rat Tamm-Horsfall protein mRNA, complete cds.// 1.3E-21//

253aa// 28%// M63510

THYMU3000036

THYMU3000133

THYMU3000655

THYMU3000826

THYMU3001083// Tubulin epsilon chain (Epsilon tubulin).// 5.00E-26// 58aa// 98%// Q9UJT0

THYMU3001234// Dynamin 2 (EC 3.6.1.50) (Dynamin UDNM).// 1.00E-56// 108aa// 90%// P39054

THYMU3001379// 116 kDa U5 small nuclear ribonucleoprotein component (U5 snRNP-specific protein, 116 kDa) (U5-116 kDa).// 0// 492aa// 100%// Q15029

THYMU3001472

THYMU3001991// ART-4 protein [Homo sapiens]// 2.00E-46// 88aa// 97%// NM_014062

THYMU3002452

THYMU3002661

THYMU3003212// Saccharomyces cerevisiae TAD2 gene for tRNA-specific adenosine-34 deaminase subunit Tad2p.// 1.10E-21// 135aa// 40%// AJ242667

THYMU3003309// putative tumor antigen [Homo sapiens]// 2.00E-52// 105aa// 66%// NM_018666

THYMU3003763

THYMU3004157// peroxisomal acyl-CoA thioesterase [Homo sapiens]// 3.00E-44// 85aa// 82%// NM_005469

THYMU3004835// Probable beta-1,3-galactosyltransferase 8 (EC 2.4.1.-) (Beta-1,3-GalTase 8) (Beta3Gal-T8) (b3Gal-T8) (UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 8) (UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 8) (Beta-3-Gx-T8).// 2.00E-78// 146aa// 43%// Q9Y2A9

THYMU3004866// TPA inducible gene-1; TPA inducible protein [Homo sapiens]// 3.00E-47// 93aa// 86%// NM_015889

THYMU3005696

THYMU3006118// molybdenum cofactor synthesis 2 [Homo sapiens]// 3.00E-60// 112aa// 100%// NM_004531

THYMU3006132

THYMU3006168

THYMU3006172// membrane bound C2 domain containing protein [Rattus norvegicus]// 1.00E-145// 460aa// 52%// NP_058945

THYMU3006371

THYMU3006485

THYMU3006811// ATP-binding cassette, sub-family A, member 7, isoform a// 3.00E-11// 82aa// 41%// NP_061985

THYMU3006963

THYMU3007137// Interleukin-16 precursor (IL-16) (Lymphocyte chemoattractant factor) (LCF).// 0// 528aa// 83%// Q14005

THYMU3007368

THYMU3007845

THYMU3008171

THYMU3008436// 6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A).// 0// 764aa// 98%// P08237

THYMU3009255

TKIDN2000701// ankyrin G // 1.6E-90// 178aa// 100%// AAA64834

TKIDN2002424

TKIDN2002632

TKIDN2003044

TKIDN2004386

TKIDN2005934

TKIDN2005947

TKIDN2006525

TKIDN2006852// Homo sapiens cytosolic phospholipase A2 gamma (cPLA2 gamma) mRNA, complete cds.// 4.3E-103// 192aa// 100%// AF065214

TKIDN2007667

TKIDN2009092

TKIDN2009641

TKIDN2009889

TKIDN2010934

TKIDN2012824

TKIDN2013287

TKIDN2014757

TKIDN2014771

TKIDN2015263

TKIDN2015788

TKIDN2016309

TKIDN2019116

TLIVE2000023

TLIVE2001327// Human DOCK180 protein mRNA, complete cds.// 0// 961aa// 63%// D50857

TLIVE2001828

TLIVE2001927

TLIVE2002336// ectonucleotide pyrophosphatase/phosphodiesterase 5 [Mus musculus]// 7.00E-69// 144aa// 36%// NM_032003

TLIVE2002338

TLIVE2002690

TLIVE2003197

TLIVE2003225// CUB and Sushi multiple domains 1 [Homo sapiens]// 1.00E-129// 199aa// 58%// NM_033225

TLIVE2003381// taste receptor, type 1, member 3; saccharin preference [Mus musculus]// 8.00E-65// 112aa// 79%// NM_031872

TLIVE2003970

TLIVE2004110

TLIVE2004320// Homo sapiens PC2-glutamine-rich-associated protein (PCQAP) mRNA, complete cds.// 4.7E-201// 368aa// 99%// AF328769

TLIVE2004601

TLIVE2005180

TLIVE2006236

TLIVE2006529

TLIVE2007132

TLIVE2007528

TLIVE2007816

TLIVE2008083

TLIVE2008229// SIGNAL RECOGNITION PARTICLE 68 KDA PROTEIN (SRP68).// 1.0

0E-299// 506aa// 96%// Q00004

TLIVE2009541

TOVAR2000649

TOVAR2001281

TOVAR2001730

TOVAR2002247// Homo sapiens partial partial mRNA for NICE-4 protein, clone 3114f17.// 1.0E-117// 218aa// 100%// AJ243670

TOVAR2002549

TRACH1000205

TRACH2001443

TRACH2001549// Homo sapiens mRNA for neuropathy target esterase.// 1.10E-94// 295aa// 65%// AJ004832

TRACH2001684

TRACH2003070

TRACH2004170

TRACH2005066

TRACH2005811

TRACH2006049

TRACH2006387// P2Y PURINOCEPTOR 1 (ATP RECEPTOR) (P2Y1) (PURINERGIC RECEPTOR).// 2E-56// 307aa// 36%// P49650

TRACH2007059// Folate hydrolase (Prostate-specific membrane antigen 1).// 2.00E-37// 127aa// 26%// Q04609

TRACH2007834

TRACH2008300

TRACH2009310// PUTATIVE SERINE/THREONINE-PROTEIN KINASE D1044.3 IN CHROMOSOME III (EC 2.7.1.-).// 9.40E-85// 407aa// 38%// P41951

TRACH2019248

TRACH2019473
TRACH2020525
TRACH2021398
TRACH2021964
TRACH2022042
TRACH2022425// Ig alpha-1 chain C region.// 0// 319aa// 91%// P01876
TRACH2022553// Human germline IgD-chain gene, C-region, second domain of
membrane terminus.// 1.70E-234// 429aa// 99%// K02882
TRACH2022649// Ig gamma-1 chain C region.// 0// 315aa// 95%// P01857
TRACH2023299// growth factor receptor bound protein 2-associated protein
2 [Mus musculus]// 5.00E-40// 77aa// 58%// NM_010248
TRACH2023306
TRACH2025344
TRACH2025507// tumor suppressing subtransferable candidate 1; tumor-supr
essing STF cDNA 1 [Homo sapiens]// 4.00E-48// 87aa// 74%// NM_003310
TRACH2025535// evectin-2 [Mus musculus]// 2.00E-75// 230aa// 90%// AAF01
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TRACH3000014
TRACH3000342
TRACH3000558// CREB-BINDING PROTEIN.// 1.9E-90// 120aa// 100%// Q92793
TRACH3000586
TRACH3000926// cardiac morphogenesis [Mus musculus]// 0// 417aa// 63%//
NM_011724
TRACH3001427// p47 [Homo sapiens]// 2.00E-85// 167aa// 49%// NM_016143
TRACH3002064
TRACH3002168// Cell surface glycoprotein MUC18 precursor (Melanoma-assoc

iated antigen MUC18) (Melanoma-associated antigen A32) (S-endo 1 endothelial-associated antigen) (CD146 antigen) (Melanoma adhesion molecule). / 0// 341aa// 94%// P43121

TRACH3002192

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TRACH3002866

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TRACH3003379

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TRACH3004537

TRACH3004721// 80 kda MCM3-associated protein (GANP protein). // 0// 474aa// 77%// 060318

TRACH3004786// Claudin-4 (Clostridium perfringens enterotoxin receptor) (CPE- receptor) (CPE-R). // 2.00E-90// 162aa// 77%// 014493

TRACH3004840

TRACH3005294

TRACH3005479

TRACH3005549// Ig heavy chain V region IR2 precursor. // 4.00E-47// 89aa// 61%// P01805

TRACH3006038

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TRACH3006412// Homo sapiens COP9 constitutive photomorphogenic homolog subunit 7B// 3.00E-57// 105aa// 99%// NM_022730

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TRACH3007391

TRACH3007479// Nedd-4-like ubiquitin-protein ligase; WW domain-containing protein 2 [Homo sapiens]// 0// 320aa// 93%// NM_007014

TRACH3008093

TRACH3008535

TRACH3008629// Cadherin-related tumor suppressor homolog precursor (Fat protein homolog).// 6.00E-36// 143aa// 28%// Q14517

TRACH3008713// Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) (Brain protein I47) (Fragment).// 4.00E-52// 98aa// 92%// P28663

TRACH3009455// Phosphatidylinositol 3-kinase regulatory alpha subunit (PI3-kinase P85-alpha subunit) (PtdIns-3-kinase P85-alpha) (PI3K).// 0// 386aa// 95%// P27986

TRACH3034731// Ras association (RalGDS/AF-6) domain family 2// 7.00E-56// 320aa// 40%// NP_055552

TRACH3034762

TRACH3035199// antigen identified by monoclonal antibody MRC OX-2 receptor [Rattus norvegicus]// 1.00E-86// 170aa// 51%// NM_023953

TRACH3035235

TRACH3035482

TRACH3035526// Ig alpha-2 chain C region.// 0// 324aa// 95%// P01877

TRACH3036193// Genome polyprotein [Contains: Coat proteins VP1 TO VP4; Core proteins P2A TO P2C, P3A; Genome-linked protein VPG; Picornain 3C (EC 3.4.22.28) (Protease 3C) (P3C); RNA-directed RNA polymerase P3D (EC 2.7.7.48)].// 0// 1073aa// 69%// Q82122

TRACH3036207

TRACH3036309

TRACH3036456

TRACH3036609// J kappa-recombination signal binding protein (RBP-J kappa).// 1.00E-158// 271aa// 89%// P31266

TSTOM1000135

TSTOM2000442// Ig gamma-1 chain C region.// 1.00E-168// 292aa// 77%// P0

1857

TSTOM2000553// SYNAPTOTAGMIN IV.// 3.00E-08// 150aa// 28%// P40749

TSTOM2002672

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TUTER2000425// zinc finger protein SBZF3 [Homo sapiens]// 4.00E-36// 74a
a// 81%// NM_020394TUTER2000904// Unc-119 protein homolog (Retinal protein 4) (RRG4).// 7.0
0E-72// 129aa// 70%// Q62885

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TUTER2001387

TUTER2002729// D6MM5E protein [Mus musculus]// 1.00E-107// 191aa// 68%//
NM_033079

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UTERU1000031// G.gallus mRNA for tom-1B protein.// 2.1E-149// 535aa// 59
%// Y08741

UTERU1000148

UTERU1000249

UTERU1000337// Putative protein phosphatase 2C (EC 3.1.3.16) (PP2C).// 1
.00E-156// 271aa// 94%// P49593

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UTERU2000649

UTERU2001409

UTERU2002410

UTERU2002841

UTERU2004688

UTERU2004929

UTERU2005004

UTERU2005621// CDC14 homolog B, isoform 2 [Homo sapiens]// 0// 423aa// 9
4%// NM_033331

UTERU2006115// ALPHA-ADAPTIN A (CLATHRIN ASSEMBLY PROTEIN COMPLEX 2 ALPHA-A LARGE CHAIN) (100 KDA COATED VESICLE PROTEIN A) (PLASMA MEMBRANE ADAPTOR HA2/AP2 ADAPTIN ALPHA A SUBUNIT).// 9.0E-141// 268aa// 99%// P17426

UTERU2006137

UTERU2006568

UTERU2007444

UTERU2007520

UTERU2007724// Calponin H2, smooth muscle (Neutral calponin).// 1.00E-144// 253aa// 86%// Q99439

UTERU2008347// Chlamydomonas reinhardtii vegetative cell wall protein gp1 (GP1) gene, complete cds.// 1.0E-19// 199aa// 30%// AF309494

UTERU2014678

UTERU2017762// plexin B1; KIAA0407 protein; plexin 5 [Homo sapiens]// 0// 383aa// 60%// NM_002673

UTERU2019491// Homo sapiens mRNA for 41-kDa phosphoribosylpyrophosphate synthetase-associated protein, complete cds.// 4.30E-48// 101aa// 100%// AB007851

UTERU2019681

UTERU2019706// T-COMPLEX PROTEIN 1, GAMMA SUBUNIT (TCP-1-GAMMA) (CCT-GAMMA).// 9.80E-273// 426aa// 99%// P49368

UTERU2019940// mitochondrial ribosomal protein L30 [Homo sapiens]// 2.00E-44// 82aa// 97%// NM_016503

UTERU2020491

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UTERU2021163

UTERU2021380

UTERU2022020

UTERU2022981

UTERU2023039

UTERU2023175

UTERU2023651

UTERU2023712

UTERU2024002

UTERU2024656

UTERU2025025// High affinity nerve growth factor receptor precursor (EC 2.7.1.112) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A).// 0// 479aa// 95%// P04629

UTERU2025645

UTERU2025891

UTERU2026025// SPLICING FACTOR, ARGININE/SERINE-RICH 2 (SPLICING FACTOR SC35) (SC-35) (SPLICING COMPONENT, 35 KDA) (PR264 PROTEIN).// 8.00E-30// 61aa// 100%// P30352

UTERU2026090// Cartilage-associated protein precursor.// 1.00E-180// 309 aa// 87%// 075718

UTERU2026203// phosphoinositide phosphatase SAC1 [Rattus norvegicus].// 1.00E-107// 221aa// 95%// AAG29810

UTERU2027591// calcium-activated potassium channel // 7.8E-33// 79aa// 94%// AAA50216

UTERU2029953

UTERU2030213

UTERU2030280

UTERU2031084

UTERU2031268// NY-REN-25 antigen [Homo sapiens].// 1.00E-41// 330aa// 49 %// AAD42869

UTERU2031521

UTERU2031703

UTERU2031851

UTERU2033375

UTERU2033382

UTERU2035114

UTERU2035323

UTERU2035328// Homo sapiens putative transcription factor CA150 mRNA, complete cds.// 1.80E-271// 796aa// 70%// AF017789

UTERU2035331

UTERU2035452// NG3 [Homo sapiens]// 1.00E-136// 150aa// 99%// AAB47494

UTERU2035469// Mus musculus microfibril-associated glycoprotein-2 (Magp2) mRNA, complete cds.// 1.2E-52// 164aa// 66%// AF180805

UTERU2035503

UTERU2035745// MYOSIN IA HEAVY CHAIN (MYOSIN-LIKE PROTEIN ABMA).// 1:30E-11// 101aa// 31%// P22467

UTERU2036089// SH3-BINDING PROTEIN 3BP-1.// 4.1E-168// 369aa// 86%// P55194

UTERU2037361

UTERU2037577

UTERU2038251

UTERU3000226

UTERU3000645// Claudin-4 (Clostridium perfringens enterotoxin receptor) (CPE- receptor) (CPE-R).// 3.00E-89// 161aa// 77%// 014493

UTERU3000665// Snf2-related CBP activator protein [Homo sapiens].// 7.00E-59// 500aa// 97%// NP_006653

UTERU3000828// 116 kDa U5 small nuclear ribonucleoprotein component (U5 snRNP- specific protein, 116 kDa) (U5-116 kDa).// 0// 931aa// 95%// Q15029

UTERU3000899// hTGN51 [Homo sapiens].// 1.00E-101// 281aa// 72%// AAC39542

UTERU3001059// ABC1 protein homolog, mitochondrial precursor.// 2.00E-99// 188aa// 48%// Q92338

UTERU3001240// Adenylate cyclase, type IV (EC 4.6.1.1) (ATP pyrophosphate-lyase) (Adenylyl cyclase).// 1.00E-176// 308aa// 81%// P26770

UTERU3001542

UTERU3001571

UTERU3001572// Neuroblast differentiation associated protein AHNAK (Desmoyokin) (Fragments).// 6.00E-19// 213aa// 21%// Q09666

UTERU3001585// Cytochrome P450 4c3 (EC 1.14.-.-) (CYPIVC3).// 1.00E-125// 230aa// 49%// Q9VA27

UTERU3001652// 64 KDA AUTOANTIGEN D1 (THYROID-ASSOCIATED OPHTHALMOPATHY AUTOANTIGEN).// 1.00E-219// 416aa// 99%// P29536

UTERU3001766

UTERU3001988// COATOMER EPSILON SUBUNIT (EPSILON-COAT PROTEIN) (EPSILON-COP).// 1.70E-126// 159aa// 94%// Q28104

UTERU3002209

UTERU3002218

UTERU3002383

UTERU3002667

UTERU3002731

UTERU3002768

UTERU3002786

UTERU3002993

UTERU3003116// ADAM 12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 12) (Meltrin alpha).// 1.00E-20// 48aa// 44%// 043184

UTERU3003135// Splicing factor 3B subunit 2 (Spliceosome associated protein 145) (SAP 145) (SF3b150) (Pre-mRNA splicing factor SF3b 145 kDa subunit).// 6.00E-29// 62aa// 83%// Q13435

UTERU3003178// Kinesin light chain 2 (KLC 2).// 0// 312aa// 88%// Q9H0B6

UTERU3003465

UTERU3003523

UTERU3003776

UTERU3004523

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UTERU3004709

UTERU3004992// Aortic preferentially expressed protein 1 (APEG-1).// 3.0
0E-61// 113aa// 100%// Q15772

UTERU3005049

UTERU3005205

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UTERU3005460

UTERU3005585// rhophilin-like protein [Homo sapiens]// 0// 380aa// 91%//
NM_033103

UTERU3005907// PROTEIN-GLUTAMINE GAMMA-GLUTAMYLTRANSFERASE (EC 2.3.2.13)
(TISSUE TRANSGLUTAMINASE) (TGASE C) (TGC) (TGASE-H).// 1.30E-75// 152aa
// 98%// P21980

UTERU3005970

UTERU3006008

UTERU3006308// SEMAPHORIN 4C PRECURSOR (SEMAPHORIN I) // 1.00E-128// 330
aa// 86%// Q64151

UTERU3007134

UTERU3007419// Rattus norvegicus Ca²⁺-dependent activator protein (CAPS)
mRNA, complete cds.// 0// 1223aa// 78%// U16802

UTERU3007640// N-ethylmaleimide-sensitive factor attachment protein, alp
ha;// 5.00E-54// 110aa// 87%// NP_003818

UTERU3007913

UTERU3008660

UTERU3008671// SPARC precursor (Secreted protein acidic and rich in cyst
eine) (Osteonectin) (ON) (Basement membrane protein BM-40).// 4.00E-25//
49aa// 96%// P09486

UTERU3009259

UTERU3009490// LYSP100 protein (Lymphoid-restricted homolog of Sp100) (Nuclear autoantigen Sp-140) (Speckled 140 kDa) (Nuclear body protein Sp140).// 4.00E-33// 67aa// 61%// Q13342

UTERU3009517

UTERU3009690// alpha-1A-adrenergic receptor, isoform 2; adrenergic, alpha-1A-, receptor; adrenergic, alpha-1C-, receptor; alpha 1A-adrenoceptor [Homo sapiens]// 5.00E-16// 41aa// 67%// NM_033303

UTERU3009871// feminization 1 homolog a (C. elegans)// 0// 588aa// 85%// NP_034322

UTERU3009979// growth arrest-specific 6; AXL stimulatory factor [Homo sapiens]// 0// 572aa// 97%// NM_000820

UTERU3011063// Transmembrane 9 superfamily protein member 4.// 0// 402aa// 89%// Q92544

UTERU3015086

UTERU3015500// G protein-coupled receptor 49// 1.00E-15// 350aa// 29%// NP_003658

UTERU3016789// SH3 domain-binding protein 3BP-2.// 1.00E-146// 261aa// 75%// P78314

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 2175

<212> DNA

<213> Homo sapiens

<400> 16

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<211> 2131

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 2455

<212> DNA

<213> Homo sapiens

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<211> 2262

<212> DNA

<213> Homo sapiens

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<211> 1894

<212> DNA

<213> Homo sapiens

<400> 28

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<211> 2486

<212> DNA

<213> Homo sapiens

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<211> 4773

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<213> Homo sapiens

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<211> 2452

<212> DNA

<213> Homo sapiens

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<211> 3421

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<213> Homo sapiens

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<211> 4834

<212> DNA

<213> Homo sapiens

<400> 43

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 2249

<212> DNA

<213> Homo sapiens

<400> 55

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<210> 56

<211> 1689

<212> DNA

<213> Homo sapiens

<400> 56

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<210> 57

<211> 1979

<212> DNA

<213> Homo sapiens

<400> 57

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<210> 58

<211> 1736

<212> DNA

<213> Homo sapiens

<400> 58

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<210> 59

<211> 1919

<212> DNA

<213> Homo sapiens

<400> 59

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<211> 1851

<212> DNA

<213> Homo sapiens

<400> 60

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<210> 61

<211> 2619

<212> DNA

<213> Homo sapiens

<400> 61

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<212> DNA

<213> Homo sapiens

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<211> 1919

<212> DNA

<213> Homo sapiens

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<211> 2294

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 1707

<212> DNA

<213> Homo sapiens

<400> 73

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<211> 2587

<212> DNA

<213> Homo sapiens

<400> 74

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<210> 75

<211> 1623

<212> DNA

<213> Homo sapiens

<400> 75

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1623

<210> 76

<211> 1984

<212> DNA

<213> Homo sapiens

<400> 76

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<211> 2234

<212> DNA

<213> Homo sapiens

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<211> 2482

<212> DNA

<213> Homo sapiens

<400> 78

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<211> 3038

<212> DNA

<213> Homo sapiens

<400> 79

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<211> 2018

<212> DNA

<213> Homo sapiens

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<211> 1901

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<213> Homo sapiens

<400> 86

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<212> DNA

<213> Homo sapiens

<400> 87

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<211> 2531

<212> DNA

<213> Homo sapiens

<400> 88

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<211> 2116

<212> DNA

<213> Homo sapiens

<400> 89

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<211> 1841

<212> DNA

<213> Homo sapiens

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<211> 1955

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<213> Homo sapiens

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<213> Homo sapiens

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<211> 2924

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<213> Homo sapiens

<400> 93

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<211> 2617

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<213> Homo sapiens

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<211> 2472

<212> DNA

<213> Homo sapiens

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<211> 2388

<212> DNA

<213> Homo sapiens

<400> 96

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 3122

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<213> Homo sapiens

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<211> 3031

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 2613

<212> DNA

<213> Homo sapiens

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<211> 2086

<212> DNA

<213> Homo sapiens

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<211> 3517

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 4370

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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